

**Icefields Color Management Chart**

**Rendering intents supported:**                      Perceptual                      Relative                      Saturation

Function	Input color space	Missing color space is...	If no source color space	If no selected color space	Working color space	Output profile & space	Conversion type
Open source image	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Image Browser	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
PDF Browser	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Revert Current Image	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Save Image	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Save Backup Copy	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Export as TIFF	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Export as 1-bit PDF	RGB	if RGB	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Make halftone	RGB	if RGB	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Scale Width	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
15-Point Dot-gain Compensation	RGB	if RGB	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
5-Point Dot-gain Compensation	RGB	if RGB	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Antialias	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Density Darker/Lighter	RGB	if RGB	User selected RGB	Generic RGB	Lab color space	Device RGB	Profile connected
	CMYK	if CMYK	User selected CMYK	Generic CMYK	Lab color space	Device CMYK	Profile connected
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Lab color space	Device Grayscale	Profile connected
Color Correct	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	RGB	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	RGB	Device Grayscale	Device linked
Duotone	RGB	if RGB	User selected Grayscale	Generic Grayscale	Grayscale	Device RGB	Device linked
	CMYK	if CMYK	User selected Grayscale	Generic Grayscale	Grayscale	Device RGB	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device RGB	Device linked
Dynamic Range	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	RGB	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	RGB	Device Grayscale	Device linked
eBook Gray	RGB	if RGB	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
	CMYK	if CMYK	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked
Gamma	RGB	if RGB	User selected RGB	Generic RGB	RGB	Device RGB	Device linked
	CMYK	if CMYK	User selected RGB	Generic RGB	RGB	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected RGB	Generic RGB	RGB	Device Grayscale	Device linked
Invert Image	RGB	if RGB	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	CMYK	if CMYK	User selected CMYK	Generic CMYK	CMYK	Device CMYK	Device linked
	Grayscale	if Grayscale	User selected Grayscale	Generic Grayscale	Grayscale	Device Grayscale	Device linked

Make CMYK	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected CMYK User selected CMYK User selected CMYK	Generic CMYK Generic CMYK Generic CMYK	CMYK CMYK CMYK	Device CMYK Device CMYK Device CMYK	Device linked Device linked Device linked
Make Grayscale	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected Grayscale User selected Grayscale User selected Grayscale	Generic Grayscale Generic Grayscale Generic Grayscale	Grayscale Grayscale Grayscale	Device Grayscale Device Grayscale Device Grayscale	Device linked Device linked Device linked
Make RGB	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected RGB User selected RGB	Generic RGB Generic RGB Generic RGB	RGB RGB RGB	Device RGB Device RGB Device RGB	Device linked Device linked Device linked
Orton Effect	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected RGB User selected RGB	Generic RGB Generic RGB Generic RGB	RGB RGB RGB	Device RGB Device CMYK Device Grayscale	Device linked Device linked Device linked
Quadtone	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected Grayscale User selected Grayscale User selected Grayscale	Generic Grayscale Generic Grayscale Generic Grayscale	Grayscale Grayscale Grayscale	Device CMYK Device CMYK Device CMYK	Device linked Device linked Device linked
Sharpen Lab	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected CMYK User selected Grayscale	Generic RGB Generic CMYK Generic Grayscale	Lab color space Lab color space Lab color space	Device RGB Device CMYK Device Grayscale	Profile connected Profile connected Profile connected
Softproof	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected CMYK User selected CMYK User selected Grayscale	Generic CMYK Generic CMYK Generic Grayscale	CMYK CMYK Grayscale	None None None	Device linked Device linked Device linked
Spot Color	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected CMYK User selected CMYK User selected CMYK	Generic CMYK Generic CMYK Generic CMYK	CMYK CMYK CMYK	Device Grayscale Device Grayscale Device Grayscale	Device linked Device linked Device linked
Subtract L*	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected CMYK User selected Grayscale	Generic RGB Generic CMYK Generic Grayscale	Lab color space Lab color space Lab color space	Device RGB Device CMYK Device Grayscale	Profile connected Profile connected Profile connected
Under Color	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected CMYK User selected CMYK User selected CMYK	Generic CMYK Generic CMYK Generic CMYK	CMYK CMYK CMYK	Device CMYK Device CMYK Device CMYK	Device linked Device linked Device linked
Rotate	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected CMYK User selected Grayscale	Generic RGB Generic CMYK Generic Grayscale	RGB CMYK Grayscale	Device RGB Device CMYK Device Grayscale	Device linked Device linked Device linked
Flip	RGB CMYK Grayscale	if RGB if CMYK if Grayscale	User selected RGB User selected CMYK User selected Grayscale	Generic RGB Generic CMYK Generic Grayscale	RGB CMYK Grayscale	Device RGB Device CMYK Device Grayscale	Device linked Device linked Device linked