

Function	Scilab	MATLAB equivalent
BGR2GRAY	B =cvtColor(A,"CV_BGR2GRAY",0)	Not Available
RGB2GRAY	B = cvtColor(A,"CV_RGB2GRAY",0)	B = rgb2gray(A)
GRAY2BGR	A =cvtColor(B ,"CV_GRAY2BGR",0	Not Available
GRAY2RGB	A =cvtColor(B,"CV_GRAY2RGB",0)	A = cat(3, B , B , B)
BGR2XYZ	B =cvtColor(A ,"CV_BGR2XYZ",0)	Not Available
RGB2XYZ	B =cvtColor(A ,"CV_RGB2XYZ",0)	B = rgb2xyz(A)
XYZ2BGR	A =cvtColor(B ,"CV_XYZ2BGR",0)	Not Available
XYZ2RGB	A =cvtColor(B ,"CV_XYZ2RGB",0)	A = xyz2rgb(B)
BGR2YCrCb	B =cvtColor(A,"CV_BGR2YCrCb",0)	Not Available
RGB2YCrCb	B =cvtColor(A,"CV_RGB2YCrCb",0)	B = rgb2ycbcr(A)
YCrCb2BGR	A =cvtColor(B ,"CV_YCrCb2BGR",0	Not Available
YCrCb2RGB	A =cvtColor(B,"CV_YCrCb2RGB",0)	A = ycbcr2rgb(B)
BGR2HSV	B =cvtColor(A,"CV_BGR2HSV",0)	Not Available
RGB2HSV	B =cvtColor(A,"CV_RGB2HSV",0)	B = rgb2hsv(A)
HSV2BGR	A =cvtColor(B ,"CV_HSV2BGR",0	Not Available
HSV2RGB	A =cvtColor(B,"CV_HSV2RGB",0)	A = hsv2rgb(B)
BGR2Lab	B =cvtColor(A,"CV_BGR2Lab",0)	Not Available
RGB2Lab	B =cvtColor(A,"CV_RGB2Lab",0)	B = rgb2lab(A)
Lab2BGR	A =cvtColor(B ,"CV_Lab2BGR",0	Not Available
Lab2RGB	A =cvtColor(B,"CV_Lab2RGB",0)	A = lab2rgb(B)
BGR2Luv	B =cvtColor(A,"CV_BGR2Luv",0)	Not Available
RGB2Luv	B =cvtColor(A,"CV_RGB2Luv",0)	Not Available
Luv2BGR	A =cvtColor(B ,"CV_Luv2BGR",0	Not Available
Luv2RGB	A =cvtColor(B,"CV_Luv2RGB",0)	Not Available
BGR2HLS	B =cvtColor(A,"CV_BGR2HLS",0)	Not Available
RGB2HLS	B =cvtColor(A,"CV_RGB2HLS",0)	Not Available
HLS2BGR	A =cvtColor(B ,"CV_HLS2BGR",0	Not Available
HLS2RGB	A =cvtColor(B,"CV_HLS2RGB",0)	Not Available