



# java.awt.color.\*

Methods declared in supertypes are hidden in subtypes



Serializable



ColorSpace

# ColorSpace (int type, int numcomponents)

Static Methods

ColorSpace getInstance (int colorspace)

Accessors

float getMaxValue (int component)

float getMinValue (int component)

String getName (int idx)

int getNumComponents ()

int getType ()

boolean isCS\_sRGB ()

Other Public Methods

float[] fromCIEXYZ (float[] colorvalue)

float[] fromRGB (float[] rgbvalue)

float[] toCIEXYZ (float[] colorvalue)

float[] toRGB (float[] colorvalue)

int TYPE\_XYZ, TYPE\_Lab, TYPE\_Luv,  
TYPE\_YCbCr, TYPE\_Yxy, TYPE\_RGB,  
TYPE\_GRAY, TYPE\_HSV, TYPE\_HLS,  
TYPE\_CMYK, TYPE\_CMY, TYPE\_2CLR,  
TYPE\_3CLR, TYPE\_4CLR, TYPE\_5CLR,  
TYPE\_6CLR, TYPE\_7CLR, TYPE\_8CLR,  
TYPE\_9CLR, TYPE\_ACLR, TYPE\_BCLR,  
TYPE\_CCLR, TYPE\_DCLR, TYPE\_ECLR,  
TYPE\_FCLR, CS\_sRGB,  
CS\_LINEAR\_RGB, CS\_CIEXYZ,  
CS\_PYCC, CS\_GRAY



ICC\_ColorSpace

ICC\_ColorSpace (ICC\_Profile profile)

ICC\_Profile getProfile ()



Serializable



ICC\_Profile

Static Methods

ICC\_Profile getInstance (byte[] data)

ICC\_Profile getInstance (int cspace)

ICC\_Profile getInstance (String fileName) ↴

ICC\_Profile getInstance (InputStream s) ↴

Accessors

int getColorSpaceType ()

byte[] getData ()

byte[] get / setData (int tagSignature)

int getMajorVersion ()

int getMinorVersion ()

int getNumComponents ()

int getPCSType ()

int getProfileClass ()

Object

# void finalize ()

Other Methods

void write (String fileName) ↴

void write (OutputStream s) ↴

# Object readResolve () ↴

int CLASS\_INPUT, CLASS\_DISPLAY, CLASS\_OUTPUT,  
CLASS\_DEVICELINK, CLASS\_COLORSPACECONVERSION,  
CLASS\_ABSTRACT, CLASS\_NAMEDCOLOR, icSigXYZData,  
icSigLabData, icSigLuvData, icSigYCbCrData, icSigYxyData,  
icSigRgbData, icSigGrayData, icSigHsvData, icSigHlsData,  
icSigCmykData, icSigCmyData, icSigSpace2CLR, icSigSpace3CLR,  
icSigSpace4CLR, icSigSpace5CLR, icSigSpace6CLR,  
icSigSpace7CLR, icSigSpace8CLR, icSigSpace9CLR,  
icSigSpaceACLR, icSigSpaceBCLR, icSigSpaceCCLR,  
icSigSpaceDCLR, icSigSpaceECLR, icSigSpaceFCLR,  
icSigInputClass, icSigDisplayClass, icSigOutputClass, icSigLinkClass,  
icSigAbstractClass, icSigColorSpaceClass, icSigNamedColorClass,  
icPerceptual, icRelativeColorimetric, icSaturation,  
icAbsoluteColorimetric, icSigHead, icSigAtOB0Tag, icSigAtOB1Tag,  
icSigAtOB2Tag, icSigBlueColorantTag, icSigBlueTRCTag,  
icSigBToA0Tag, icSigBToA1Tag, icSigBToA2Tag,  
icSigCalibrationDateTimeTag, icSigCharTargetTag, icSigCopyrightTag,  
icSigCrdInfoTag, icSigDeviceMfgDescTag, icSigDeviceModelDescTag,  
icSigDeviceSettingsTag, icSigGamutTag, icSigGrayTRCTag,  
icSigGreenColorantTag, icSigGreenTRCTag, icSigLuminanceTag,  
icSigMeasurementTag, icSigMediaBlackPointTag,  
icSigMediaWhitePointTag, icSigNamedColor2Tag,  
icSigOutputResponseTag, icSigPreview0Tag, icSigPreview1Tag,  
icSigPreview2Tag, icSigProfileDescriptionTag,  
icSigProfileSequenceDescTag, icSigPs2CRD0Tag, icSigPs2CRD1Tag,  
icSigPs2CRD2Tag, icSigPs2CRD3Tag, icSigPs2CSATag,  
icSigPs2RenderingIntentTag, icSigRedColorantTag, icSigRedTRCTag,  
icSigScreeningDescTag, icSigScreeningTag, icSigTechnologyTag,  
icSigUcrBgTag, icSigViewingCondDescTag, icSigViewingConditionsTag,  
icSigChromaticityTag, icHdrSize, icHdrCmmld, icHdrVersion,  
icHdrDeviceClass, icHdrColorSpace, icHdrPcs, icHdrDate,  
icHdrMagic, icHdrPlatform, icHdrFlags, icHdrManufacturer,  
icHdrModel, icHdrAttributes, icHdrRenderingIntent, icHdrIlluminant,  
icHdrCreator, icTagType, icTagReserved, icCurveCount,  
icCurveData, icXYZNumberX



ICC\_ProfileRGB

float[][] getMatrix ()

int REDCOMPONENT,  
GREENCOMPONENT,  
BLUECOMPONENT



ICC\_ProfileGray

float getGamma ()

short[] getTRC ()