Converting Colors

RYB(160, 187, 205)

Have a look what the booklet for RYB(160, 187, 205) contains.

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Color

RYB(160, 187, 205)

Conversions

Conversions Part 1

Format	Color
Hex	A0CDBE
RGB	160, 205, 190
RGB Percent	63%, 80%, 75%
CMY	0.3725, 0.1961, 0.2549
CMYK	0.22, 0.00, 0.07, 0.20
HSL	160°, 31%, 72%
HSV	160°, 22%, 80%
XYZ	45.6228, 54.8539, 56.8985
YIQ	189.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

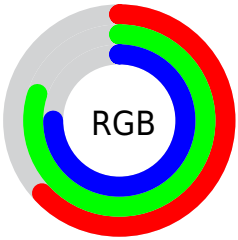
Format	Color
RYB	160, 187, 205
Decimal	10538430
CIELab	78.96, -17.81, 2.63
CIELCh	79, 18.003, 171.613
Yxy	54.8539, 0.2899, 0.3486
Android (android.graphics.Color)	4288728510 (0xFFA0CDBE)
YUV	189.8350, 0.0813, -26.1653
Hunter-Lab	74.0634, -19.6557, 6.2955

Details

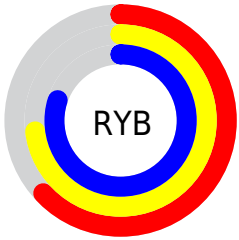
The RYB color 160, 187, 205 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 205, 160, 175, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 215, 238, 255, and 108, 134, 151 is the 20% darker color. If you saturate the color by 10%, you get 139, 179, 205, and if you desaturate by 10%, it is 181, 195, 205.

Distribution

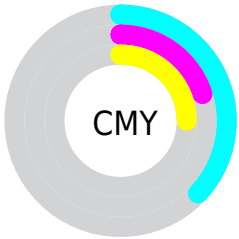


- Red (63%)
- Green (80%)
- Blue (75%)



- Red (63%)
- Yellow (73%)
- Blue (80%)

- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (37%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 187, 205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 160, 187, 205 by changing the saturation by 10% instead.

160, 187, 205	160, 187, 205
255, 255, 255	133, 159, 177
215, 238, 255	108, 134, 151
244, 250, 255	82, 108, 125
	58, 83, 100
	34, 59, 76
	9, 34, 53
	0, 19, 32
	0, 0, 0

160, 187, 205	160, 187, 205

139, 179, 205	181, 195, 205
119, 171, 205	201, 203, 205
99, 162, 205	222, 205, 211
78, 154, 205	242, 205, 217
58, 146, 205	255, 205, 224
37, 138, 205	255, 205, 231
16, 129, 205	255, 205, 238
0, 123, 205	255, 205, 245
	255, 205, 252

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

174, 203, 201

160, 187, 205

152, 179, 207

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

160, 187, 205

193, 193, 226

226, 197, 170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

160, 187, 205

205, 160, 175

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

231, 184, 184

160, 187, 205

213, 188, 216

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

160, 187, 205

171, 189, 228

226, 184, 201

196, 213, 163

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

160, 187, 205

153, 181, 217

226, 184, 201

229, 189, 174

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

160, 187, 205

237, 248, 255

160, 205, 190

117, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

160, 187, 205

189, 229, 255

160, 181, 205

92, 98, 102

0, 100, 166

0, 23, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

205, 160, 175

255, 189, 211

205, 170, 160

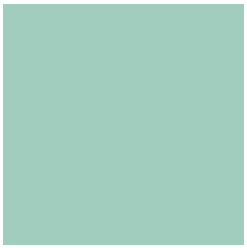
102, 92, 95

166, 0, 55

38, 0, 13

Previews

White Background

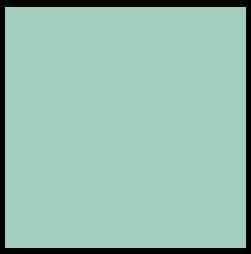


This preview shows how the RYB color 160, 187, 205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



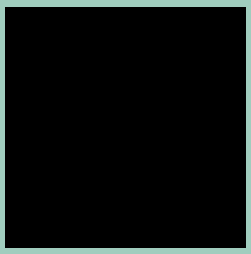
This preview shows how the RYB color 160, 187, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 160, 187, 205 Background



This preview shows how black text looks on a background with the RYB color 160, 187, 205.

This preview shows how white text looks on a background with the RYB color 160, 187, 205.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

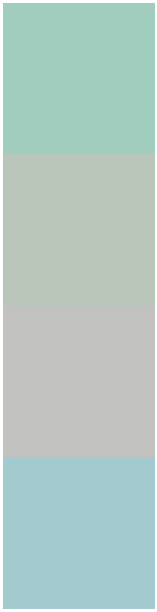
Original Color
160, 187, 205

Protanopia
196, 201, 184

Deuteranopia
214, 189, 193

Tritanopia
165, 186, 217

Trichromacy



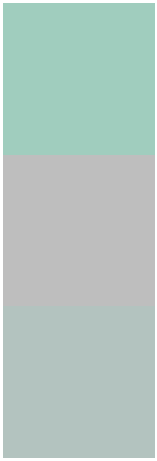
Original Color
160, 187, 205

Protanomaly
186, 198, 198

Deuteranomaly
192, 195, 193

Tritanomaly
163, 184, 207

Monochromacy



Original Color
160, 187, 205

Achromatopsia
190, 190, 190

Achromatomaly
179, 188, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 187, 205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(160, 205, 190) looks like.

```
.text, #text, p{
    color:rgb(160, 205, 190)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(160, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 205, 190) }
```

Border

The CSS property to change the border of an element to RYB 160, 187, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 205, 190) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(160, 205, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(160, 205, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 205, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 205, 190); box-shadow:4px 4px 4px 4px rgb(160, 205, 190) }
```

Background

The CSS property to change the background color of an element to RYB 160, 187, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(160, 205, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(160,
205, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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