

Converting Colors

`RYB(160, 185, 213)`

Have a look what the booklet for RYB(160, 185, 213) contains.

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Color

R_YB(160, 185, 213)

Conversions

Conversions Part 1

Format	Color
Hex	A0CFD5
RGB	160, 207, 213
RGB Percent	63%, 81%, 84%
CMY	0.3725, 0.1870, 0.1647
CMYK	0.25, 0.03, 0.00, 0.16
HSL	186°, 39%, 73%
HSV	186°, 25%, 84%
XYZ	48.8982, 57.0592, 71.3871
YIQ	193.6310, -29.9380, -8.0980

Conversions

Conversions Part 2

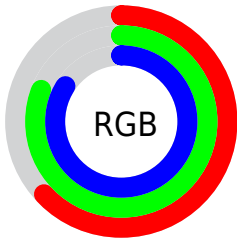
Format	Color
RYB	160, 185, 213
Decimal	10538965
CIELab	80.21, -14.07, -7.86
CIElCh	80, 16.118, 209.196
Yxy	57.0592, 0.2757, 0.3217
Android (android.graphics.Color)	4288729045 (0xFFA0CFD5)
YUV	193.6310, 9.5489, -29.4944
Hunter-Lab	75.5376, -16.6412, -3.1560

Details

The RYB color **160, 185, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 167, 160**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **216, 236, 255**, and **107, 131, 158** is the 20% darker color. If you saturate the color by 10%, you get **139, 174, 213**, and if you desaturate by 10%, it is **181, 196, 213**.

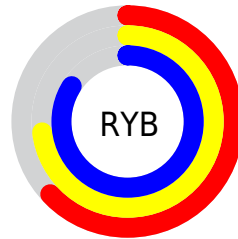
Distribution



Red (63%)

Green (81%)

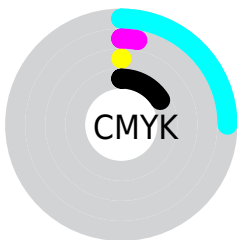
Blue (84%)



Red (63%)

Yellow (73%)

Blue (84%)

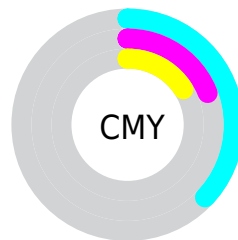


Cyan (25%)

Magenta (3%)

Yellow (0%)

Black (16%)



Cyan (37%)


Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 185, 213 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, 185, 213 by changing the saturation by 10% instead.

 160, 185, 213

255, 255, 255


 216, 236, 255


 245, 250, 255


 160, 185, 213

 133, 158, 185

 107, 131, 158

 81, 105, 132

 56, 80, 107

 31, 56, 83

 1, 29, 60

 0, 18, 38

 0, 2, 18

 0, 0, 0

■ 160, 185, 213

■ 160, 185, 213

■ 139, 174, 213

■ 181, 196, 213

■ 117, 162, 213

■ 203, 208, 213

■ 96, 151, 213

■ 224, 214, 213

■ 75, 140, 213

■ 245, 216, 213

■ 54, 129, 213

■ 255, 220, 213

■ 32, 117, 213

■ 255, 223, 213

■ 11, 106, 213

■ 255, 226, 213

■ 0, 100, 213

■ 255, 232, 213

■ 255, 236, 213

Harmonies

Analogous

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



165, 189, 208



160, 185, 213



166, 189, 224

Triad

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



160, 185, 213



218, 191, 215



190, 212, 169

Complementary

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



160, 185, 213



213, 167, 160

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.



224, 205, 174



160, 185, 213



229, 189, 200

Square

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



160, 185, 213



201, 195, 225



231, 189, 185



173, 203, 181

Rectangle

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



160, 185, 213



176, 193, 228



231, 189, 185



205, 216, 170

Sweetspot

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



160, 185, 213



237, 245, 255



160, 208, 213



117, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



160, 185, 213



179, 215, 255



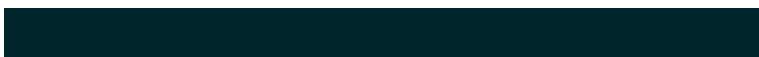
160, 175, 213



96, 101, 107



0, 81, 171



0, 20, 43

Inverse Universe

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



213, 160, 207



255, 179, 247



195, 213, 160



107, 96, 106



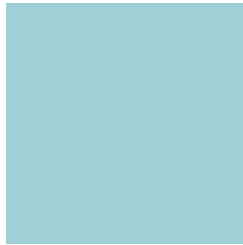
171, 0, 153



43, 0, 39

Previews

White Background



This preview shows how the RYB color 160, 185, 213 looks on a white background.

Color Contrast Check

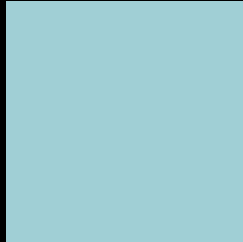
Large Text (above 18pt) WCAG AA × Fail

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, 185, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

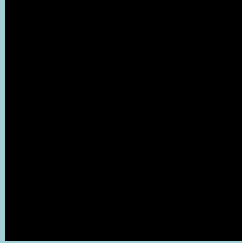
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

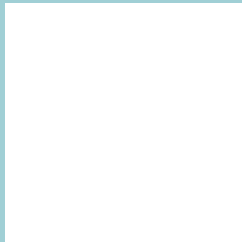
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 160, 185, 213 Background



This preview shows how black text looks on a background with the RYB color 160, 185, 213.



This preview shows how white text looks on a background with the RYB color 160, 185, 213.

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](#).

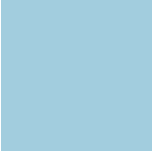
Dichromacy



Original Color
160, 185, 213

Protanopia
199, 197, 207

Deuteranopia
210, 193, 216



Tritanopia
162, 187, 222

Trichromacy



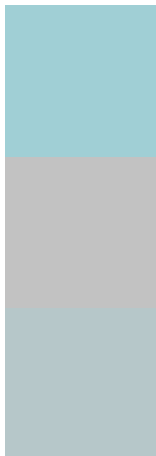
Original Color
160, 185, 213

Protanomaly
185, 195, 209

Deuteranomaly
192, 197, 215

Tritanomaly
161, 186, 219

Monochromacy



Original Color
160, 185, 213

Achromatopsia
194, 194, 194

Achromatomaly
182, 191, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 185, 213 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, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(160, 207, 213)  
}
```

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, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 207, 213) }
```

Border

The CSS property to change the border of an element to RYB 160, 185, 213 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, 207, 213) }
```

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

```
.border{ border-color:rgb(160, 207, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(160, 207,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 160, 185, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 207, 213) }
```

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

```
.background{ background-color: rgb(160,  
207, 213) }
```

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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