

Converting Colors

`RYB(184, 195, 204)`

Have a look what the booklet for
RYB(184, 195, 204) contains.

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Color

R_YB(184, 195, 204)

Conversions

Conversions Part 1

Format	Color
Hex	B8CCC8
RGB	184, 204, 200
RGB Percent	72%, 80%, 78%
CMY	0.2784, 0.2000, 0.2143
CMYK	0.10, 0.00, 0.02, 0.20
HSL	169°, 16%, 76%
HSV	169°, 10%, 80%
XYZ	51.8279, 57.5632, 63.2459
YIQ	197.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

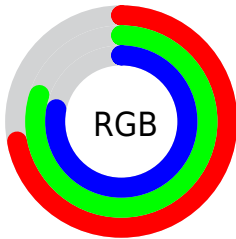
Format	Color
RYB	184, 195, 204
Decimal	12111048
CIELab	80.50, -7.44, -0.50
CIELCh	80, 7.458, 183.861
Yxy	57.5632, 0.3002, 0.3334
Android (android.graphics.Color)	4290301128 (0xFFB8CCC8)
YUV	197.5640, 1.2009, -11.8956
Hunter-Lab	75.8704, -10.8380, 3.6850

Details

The RYB color **184, 195, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 184, 188**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **240, 248, 255**, and **131, 142, 150** is the 20% darker color. If you saturate the color by 10%, you get **164, 186, 204**, and if you desaturate by 10%, it is **204, 204, 204**.

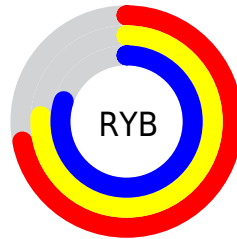
Distribution



Red (72%)

Green (80%)

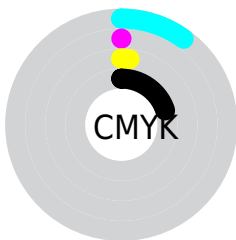
Blue (78%)



Red (72%)

Yellow (76%)

Blue (80%)

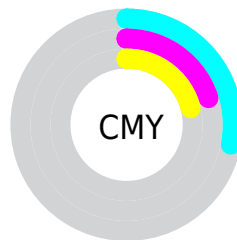


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (28%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 195, 204 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 184, 195, 204 by changing the saturation by 10% instead.

■ 184, 195, 204

255, 255, 255

■ 240, 248, 255

■ 184, 195, 204

■ 157, 168, 177

■ 131, 142, 150

■ 106, 116, 124

■ 81, 91, 99


■ 58, 67, 75

■ 36, 45, 53

■ 16, 24, 31

■ 0, 2, 4

■ 0, 0, 0

 184, 195, 204

 184, 195, 204

 164, 186, 204


 204, 204, 204

 143, 177, 204


 225, 204, 208

 123, 168, 204


 245, 204, 211

 102, 158, 204


 255, 204, 215

 82, 149, 204


 255, 204, 219

 62, 140, 204

 255, 204, 223

 41, 131, 204

 255, 204, 226

 21, 122, 204

 255, 204, 230

 0, 112, 204

 255, 204, 234

Harmonies

Analogous

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



189, 200, 203



184, 195, 204



183, 194, 207

Triad

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



184, 195, 204



202, 198, 211



211, 204, 187

Complementary

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



184, 195, 204



204, 184, 188

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.



215, 197, 192



184, 195, 204



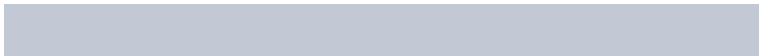
210, 196, 206

Square

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



184, 195, 204



194, 199, 213



214, 195, 199



195, 205, 186

Rectangle

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



184, 195, 204



185, 196, 211



214, 195, 199



213, 201, 189

Sweetspot

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



184, 195, 204



247, 251, 255



184, 204, 200



122, 125, 128



0, 0, 0



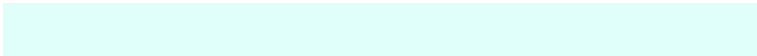
128, 128, 128

Same Dimension

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



184, 195, 204



224, 241, 255



184, 192, 204



92, 98, 102



0, 91, 166



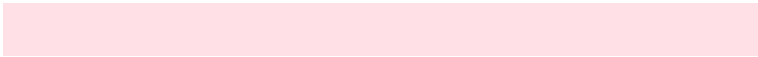
0, 21, 38

Inverse Universe

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



204, 184, 188



255, 224, 230



204, 193, 184



102, 92, 94



166, 0, 30



38, 0, 7

Previews

White Background



This preview shows how the RYB color 184, 195, 204 looks on a white background.

Color Contrast Check

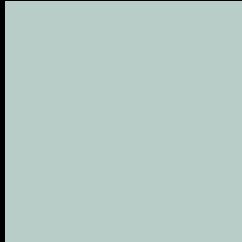
Large Text (above 18pt) WCAG AA × Fail

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 184, 195, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

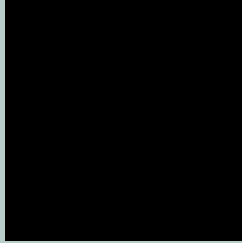
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

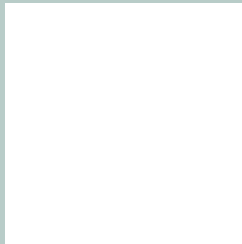
Any Text WCAG AAA ✓ Pass

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

RYB 184, 195, 204 Background



This preview shows how black text looks on a background with the RYB color 184, 195, 204.



This preview shows how white text looks on a background with the RYB color 184, 195, 204.

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





Tritanopia
187, 197, 217

Trichromacy



Original Color
184, 195, 204

Protanomaly
196, 199, 200

Deuteranomaly
205, 197, 202

Tritanomaly
186, 196, 211

Monochromacy



Original Color
184, 195, 204

Achromatopsia
198, 198, 198

Achromatomaly
193, 197, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 195, 204 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(184, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 200)  
}
```

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(184, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 200) }
```

Border

The CSS property to change the border of an element to RYB 184, 195, 204 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(184, 204, 200) }
```

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

```
.border{ border-color:rgb(184, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 184, 195, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 200) }
```

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

```
.background{ background-color: rgb(184,  
204, 200) }
```

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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