

Converting Colors

`RYB(184, 208, 204)`

Have a look what the booklet for
RYB(184, 208, 204) contains.

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Color

$\text{RYB}(184, 208, 204)$

Conversions

Conversions Part 1

Format	Color
Hex	BCD0B8
RGB	188, 208, 184
RGB Percent	74%, 82%, 72%
CMY	0.2627, 0.1843, 0.2784
CMYK	0.10, 0.00, 0.12, 0.18
HSL	110°, 20%, 77%
HSV	110°, 12%, 82%
XYZ	51.9466, 59.2638, 54.0486
YIQ	199.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

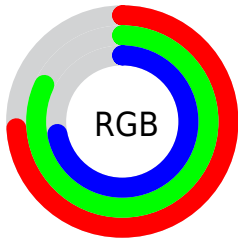
Format	Color
RYB	184, 208, 204
Decimal	12374200
CIELab	81.44, -11.19, 9.64
CIELCh	81, 14.764, 139.255
Yxy	59.2638, 0.3143, 0.3586
Android (android.graphics.Color)	4290564280 (0xFFBCD0B8)
YUV	199.2840, -7.5350, -9.8961
Hunter-Lab	76.9830, -14.2719, 12.2615

Details

The RYB color **184, 208, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 184, 208**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **240, 255, 251**, and **131, 154, 150** is the 20% darker color. If you saturate the color by 10%, you get **163, 208, 200**, and if you desaturate by 10%, it is **205, 208, 208**.

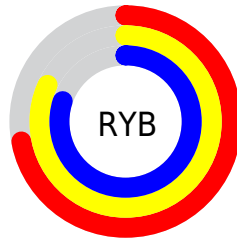
Distribution



Red (74%)

Green (82%)

Blue (72%)



Red (72%)

Yellow (82%)

Blue (80%)

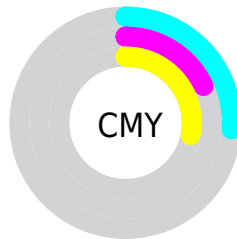


Cyan (10%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 208, 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, 208, 204 by changing the saturation by 10% instead.

■ 184, 208, 204

255, 255, 255

■ 240, 255, 251

■ 184, 208, 204

■ 157, 180, 176

■ 131, 154, 150

■ 106, 128, 125

■ 82, 103, 100

■ 59, 79, 77

■ 37, 56, 54

■ 16, 34, 31

■ 0, 10, 10

■ 0, 0, 0

 184, 208, 204

 184, 208, 204

 163, 208, 200


 205, 208, 208

 142, 208, 197

 223, 208, 226

 122, 208, 194

 240, 208, 246

 101, 208, 190

 255, 208, 255

 80, 208, 187

 59, 208, 183

 38, 208, 179

 18, 208, 177

 0, 208, 173

Harmonies

Analogous

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



176, 204, 176



184, 208, 204



174, 196, 210

Triad

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



184, 208, 204



182, 197, 229



232, 193, 194

Complementary

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



184, 208, 204



204, 184, 208

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.



228, 193, 208



184, 208, 204



199, 200, 228

Square

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



184, 208, 204



170, 192, 223



216, 196, 220



229, 202, 182

Rectangle

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



184, 208, 204



169, 191, 211



216, 196, 220



231, 193, 198

Sweetspot

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



184, 208, 204



247, 255, 253



189, 208, 184



122, 128, 127



0, 0, 0



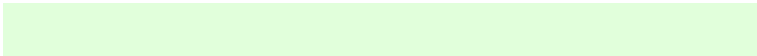
128, 128, 128

Same Dimension

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



184, 208, 204



219, 255, 249



184, 202, 208



94, 105, 103



0, 168, 140



0, 41, 34

Inverse Universe

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



204, 184, 208



249, 219, 255



208, 184, 200



103, 94, 105



140, 0, 168



34, 0, 41

Previews

White Background



This preview shows how the RYB color 184, 208, 204 looks on a white background.

Color Contrast Check

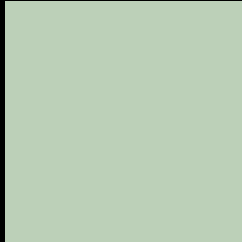
Large Text (above 18pt) WCAG AA × Fail

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, 208, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

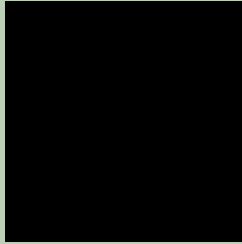
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

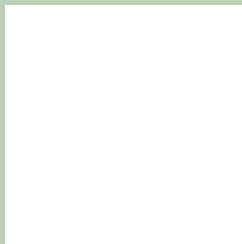
Any Text WCAG AAA ✓ Pass

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

RYB 184, 208, 204 Background



This preview shows how black text looks on a background with the RYB color 184, 208, 204.

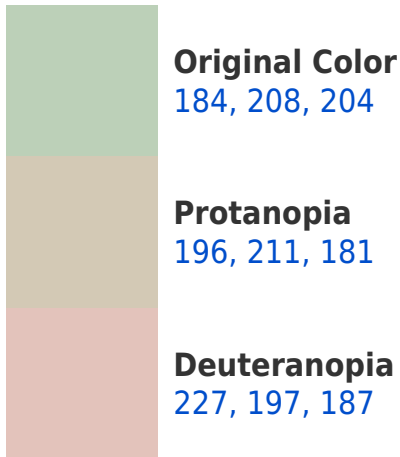


This preview shows how white text looks on a background with the RYB color 184, 208, 204.

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](#).

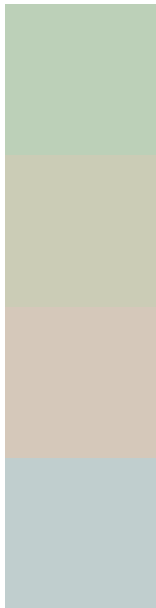
Dichromacy





Tritanopia
194, 201, 219

Trichromacy



Original Color

184, 208, 204

Protanomaly

182, 204, 183

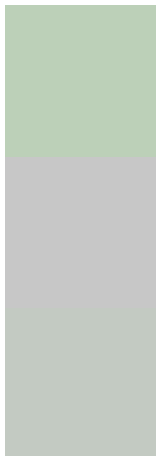
Deuteranomaly

211, 213, 186

Tritanomaly

192, 199, 206

Monochromacy



Original Color

184, 208, 204

Achromatopsia

199, 199, 199

Achromatomaly

194, 202, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 208, 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(188, 208, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 184)  
}
```

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(188, 208, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 208, 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(188, 208, 184) }
```

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

```
.border{ border-color:rgb(188, 208, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 208, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 184) }
```

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

```
.background{ background-color: rgb(188,  
208, 184) }
```

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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