

Converting Colors

`RYB(184, 206, 199)`

Have a look what the booklet for
RYB(184, 206, 199) contains.

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Color

R_YB(184, 206, 199)

Conversions

Conversions Part 1

Format	Color
Hex	BFCEB8
RGB	191, 206, 184
RGB Percent	75%, 81%, 72%
CMY	0.2510, 0.1922, 0.2784
CMYK	0.07, 0.00, 0.11, 0.19
HSL	101°, 18%, 76%
HSV	101°, 11%, 81%
XYZ	52.2089, 58.6797, 53.9220
YIQ	199.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

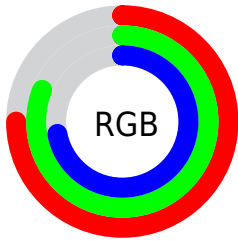
Format	Color
RYB	184, 206, 199
Decimal	12570296
CIELab	81.12, -9.11, 9.21
CIELCh	81, 12.955, 134.712
Yxy	58.6797, 0.3168, 0.3560
Android (android.graphics.Color)	4290760376 (0xFFBFCEB8)
YUV	199.0070, -7.3985, -7.0221
Hunter-Lab	76.6027, -12.3972, 11.8865

Details

The RYB color **184, 206, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 184, 206**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **240, 255, 248**, and **131, 152, 145** is the 20% darker color. If you saturate the color by 10%, you get **163, 206, 192**, and if you desaturate by 10%, it is **205, 206, 206**.

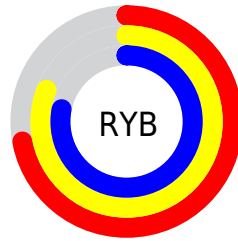
Distribution



Red (75%)

Green (81%)

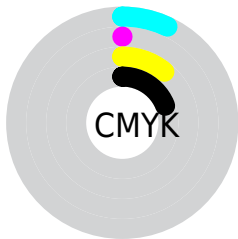
Blue (72%)



Red (72%)

Yellow (81%)

Blue (78%)

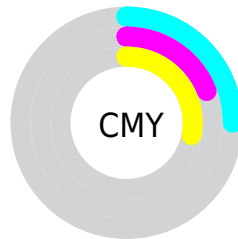


Cyan (7%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 206, 199 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, 206, 199 by changing the saturation by 10% instead.


 184, 206, 199

255, 255, 255


 240, 255, 248

 184, 206, 199

 157, 179, 172

 131, 152, 145

 106, 126, 120

 82, 101, 95

 59, 77, 72

 37, 54, 49

 16, 33, 28

 0, 8, 8

 0, 0, 0

■ 184, 206, 199

■ 184, 206, 199

■ 163, 206, 192

■ 205, 206, 206

■ 143, 206, 186

■ 219, 206, 225

■ 122, 206, 179

■ 233, 206, 246

■ 102, 206, 173

■ 247, 206, 255

■ 81, 206, 166

■ 255, 206, 255

■ 60, 206, 159

■ 40, 206, 153

■ 19, 206, 146

■ 0, 206, 140

Harmonies

Analogous

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



180, 205, 178



184, 206, 199



179, 198, 208

Triad

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



184, 206, 199



182, 196, 224



228, 193, 196

Complementary

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



184, 206, 199



199, 184, 206

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.



222, 194, 208



184, 206, 199



196, 200, 225

Square

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



184, 206, 199



173, 192, 218



211, 197, 219



226, 198, 185

Rectangle

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



184, 206, 199



173, 193, 209



211, 197, 219



227, 193, 200

Sweetspot

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



184, 206, 199



247, 255, 252



194, 206, 184



122, 128, 126



0, 0, 0



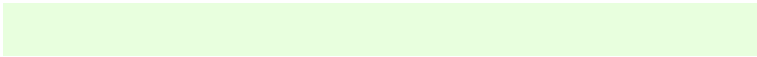
128, 128, 128

Same Dimension

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



184, 206, 199



222, 255, 245



184, 203, 206



92, 102, 99



0, 166, 113



0, 38, 26

Inverse Universe

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



199, 184, 206



244, 222, 255



206, 184, 202



99, 92, 102



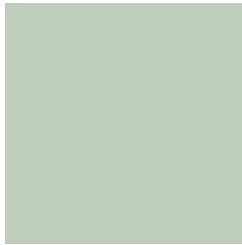
113, 0, 166



26, 0, 38

Previews

White Background



This preview shows how the RYB color 184, 206, 199 looks on a white background.

Color Contrast Check

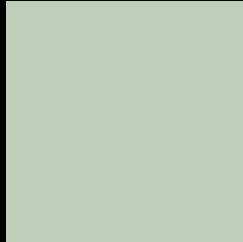
Large Text (above 18pt) WCAG AA × Fail

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, 206, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

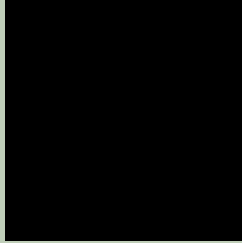
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

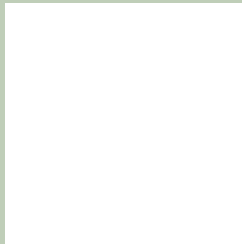
Any Text WCAG AAA ✓ Pass

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

RYB 184, 206, 199 Background



This preview shows how black text looks on a background with the RYB color 184, 206, 199.



This preview shows how white text looks on a background with the RYB color 184, 206, 199.

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](#).

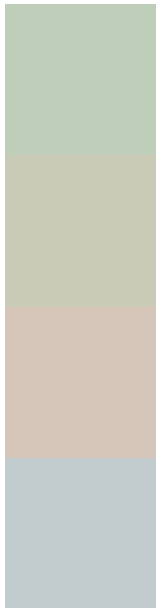
Dichromacy





Tritanopia
196, 200, 217

Trichromacy



Original Color

184, 206, 199

Protanomaly

182, 203, 183

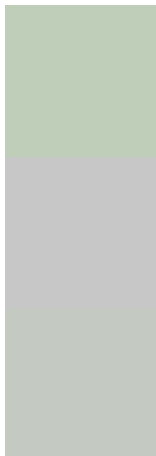
Deuteranomaly

213, 209, 185

Tritanomaly

194, 199, 205

Monochromacy



Original Color

184, 206, 199

Achromatopsia

199, 199, 199

Achromatomaly

194, 202, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 206, 199 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(191, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 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(191, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 206, 199 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(191, 206, 184) }
```

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

```
.border{ border-color:rgb(191, 206, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 206, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 206, 184); box-shadow:4px 4px 4px 4px rgb(191, 206, 184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 206, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 184) }
```

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

```
.background{ background-color: rgb(191,  
206, 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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