

Converting Colors

`RYB(184, 219, 205)`

Have a look what the booklet for
RYB(184, 219, 205) contains.

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Color

R_YB(184, 219, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C6DBB8
RGB	198, 219, 184
RGB Percent	78%, 86%, 72%
CMY	0.2235, 0.1412, 0.2784
CMYK	0.10, 0.00, 0.16, 0.14
HSL	96°, 33%, 79%
HSV	96°, 16%, 86%
XYZ	57.2719, 66.1295, 55.0931
YIQ	208.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

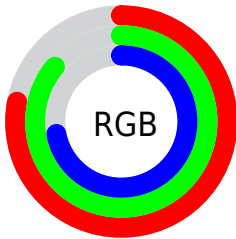
Format	Color
RYB	184, 219, 205
Decimal	13032376
CIELab	85.06, -13.30, 14.87
CIELCh	85, 19.952, 131.796
Yxy	66.1295, 0.3209, 0.3705
Android (android.graphics.Color)	4291222456 (0xFFC6DBB8)
YUV	208.7310, -12.1924, -9.4111
Hunter-Lab	81.3200, -16.5964, 16.7559

Details

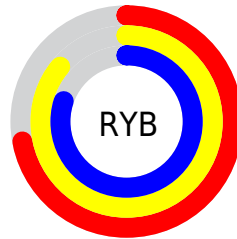
The RYB color **184, 219, 205** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **205, 184, 219**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **240, 255, 240**, and **131, 164, 151** is the 20% darker color. If you saturate the color by 10%, you get **162, 219, 196**, and if you desaturate by 10%, it is **206, 219, 214**.

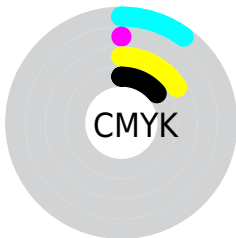
Distribution



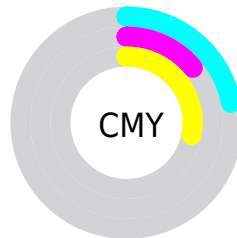
- Red (78%)
- Green (86%)
- Blue (72%)



- Red (72%)
- Yellow (86%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 219, 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 184, 219, 205 by changing the saturation by 10% instead.


 184, 219, 205

255, 255, 255


 240, 255, 240

 184, 219, 205

 157, 191, 177

 131, 164, 151

 106, 138, 126

 81, 112, 100

 58, 88, 77

 36, 64, 53

 16, 42, 33

 0, 23, 23

 0, 0, 0

 184, 219, 205

 184, 219, 205

 162, 219, 196

 206, 219, 214

 140, 219, 187

 224, 219, 228

 118, 219, 178

 237, 219, 250

 96, 219, 170


 251, 219, 255

 75, 219, 162

 255, 219, 255

 53, 219, 153

 31, 219, 144

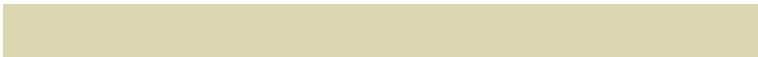
 9, 219, 135

 0, 219, 131

Harmonies

Analogous

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



183, 220, 176



184, 219, 205



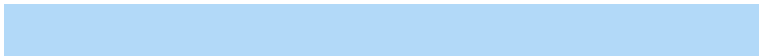
178, 208, 223

Triad

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



184, 219, 205



178, 203, 248



252, 199, 206

Complementary

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



184, 219, 205



205, 184, 219

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.



243, 201, 225



184, 219, 205



201, 210, 249

Square

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



184, 219, 205



164, 196, 237



225, 205, 241



250, 206, 188

Rectangle

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



184, 219, 205



168, 198, 223



225, 205, 241



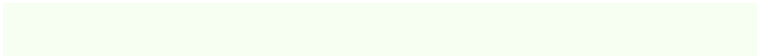
250, 199, 212

Sweetspot

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



184, 219, 205



242, 255, 250



207, 219, 184



120, 128, 125



0, 0, 0



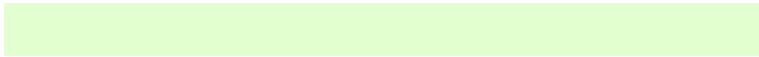
128, 128, 128

Same Dimension

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



184, 219, 205



207, 255, 236



184, 216, 219



99, 110, 106



0, 173, 104



0, 46, 28

Inverse Universe

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



205, 184, 219



236, 207, 255



219, 184, 216



105, 99, 110



104, 0, 173



28, 0, 46

Previews

White Background



This preview shows how the RYB color 184, 219, 205 looks on a white background.

Color Contrast Check

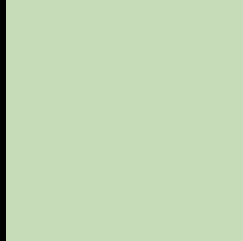
Large Text (above 18pt) WCAG AA × Fail

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 184, 219, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

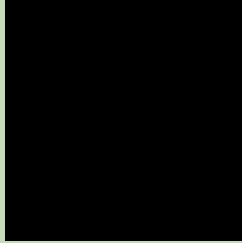
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

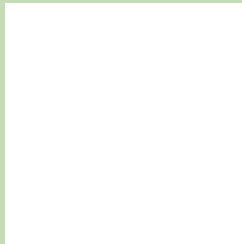
Any Text WCAG AAA ✓ Pass

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

RYB 184, 219, 205 Background



This preview shows how black text looks on a background with the RYB color 184, 219, 205.

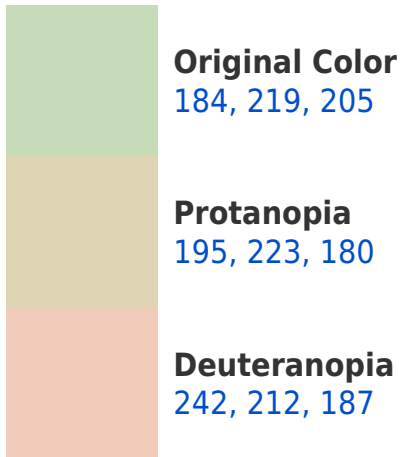


This preview shows how white text looks on a background with the RYB color 184, 219, 205.

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





Tritanopia
205, 211, 229

Trichromacy



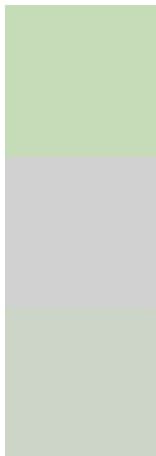
Original Color
184, 219, 205

Protanomaly
181, 215, 182

Deuteranomaly
216, 226, 186

Tritanomaly
202, 209, 215

Monochromacy



Original Color
184, 219, 205

Achromatopsia
209, 209, 209

Achromatomaly
200, 213, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 219, 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(198, 219, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 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(198, 219, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 219, 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(198, 219, 184) }
```

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

```
.border{ border-color:rgb(198, 219, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 219, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 219, 184); box-shadow:4px 4px 4px 4px rgb(198, 219, 184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 219, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 184) }
```

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

```
.background{ background-color: rgb(198,  
219, 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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