

Converting Colors

`RYB(184, 220, 195)`

Have a look what the booklet for RYB(184, 220, 195) contains.

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Color

R_YB(184, 220, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D1DCB8
RGB	209, 220, 184
RGB Percent	82%, 86%, 72%
CMY	0.1804, 0.1373, 0.2784
CMYK	0.05, 0.00, 0.16, 0.14
HSL	78°, 34%, 79%
HSV	78°, 16%, 86%
XYZ	60.5394, 68.2024, 55.3210
YIQ	212.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

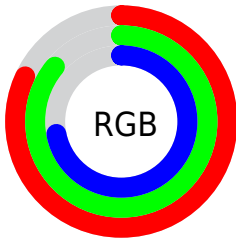
Format	Color
RYB	184, 220, 195
Decimal	13753528
CIELab	86.11, -9.92, 16.46
CIELCh	86, 19.215, 121.079
Yxy	68.2024, 0.3289, 0.3705
Android (android.graphics.Color)	4291943608 (0xFFD1DCB8)
YUV	212.6070, -14.1033, -3.1633
Hunter-Lab	82.5847, -13.6724, 18.0928

Details

The RYB color **184, 220, 195** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195, 184, 220**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **240, 255, 240**, and **131, 165, 142** is the 20% darker color. If you saturate the color by 10%, you get **162, 220, 180**, and if you desaturate by 10%, it is **206, 220, 210**.

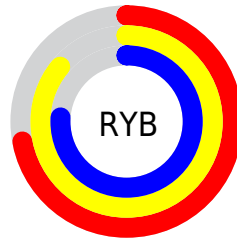
Distribution



Red (82%)

Green (86%)

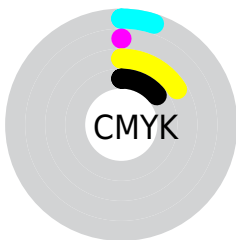
Blue (72%)



Red (72%)

Yellow (86%)

Blue (76%)

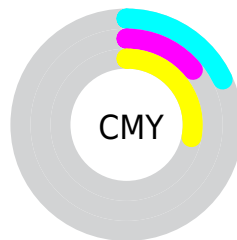


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 220, 195 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, 220, 195 by changing the saturation by 10% instead.

 184, 220, 195

255, 255, 255


 240, 255, 240


 184, 220, 195

 157, 192, 168

 131, 165, 142

 106, 139, 117

 81, 113, 91

 58, 89, 68

 36, 65, 45

 15, 43, 24

 0, 23, 14

 0, 0, 0

 184, 220, 195

 184, 220, 195

 162, 220, 180

 206, 220, 210

 140, 220, 164

 222, 220, 228

 118, 220, 149

 229, 220, 250

 96, 220, 134

 236, 220, 255

 74, 220, 119

 243, 220, 255

 52, 220, 103

 249, 220, 255

 30, 220, 88

 255, 220, 255

 8, 220, 73

 0, 220, 67

Harmonies

Analogous

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



200, 229, 179



184, 220, 195



188, 217, 224

Triad

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



184, 220, 195



176, 204, 247



252, 203, 215

Complementary

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



184, 220, 195



195, 184, 220

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.



240, 205, 233



184, 220, 195



196, 211, 251

Square

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



184, 220, 195



167, 198, 233



220, 211, 246



253, 205, 197

Rectangle

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



184, 220, 195



177, 207, 226



220, 211, 246



249, 203, 222

Sweetspot

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



184, 220, 195



242, 255, 246



220, 200, 184



120, 128, 123



0, 0, 0



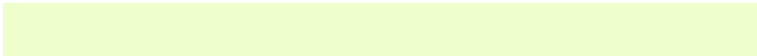
128, 128, 128

Same Dimension

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



184, 220, 195



204, 255, 220



184, 220, 213



99, 110, 103



0, 173, 53



0, 46, 14

Inverse Universe

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



195, 184, 220



220, 204, 255



213, 184, 220



102, 99, 110



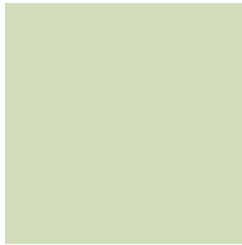
53, 0, 173



14, 0, 46

Previews

White Background



This preview shows how the RYB color 184, 220, 195 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, 220, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

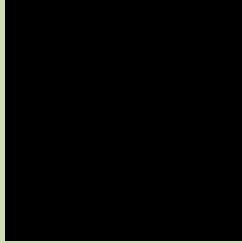
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

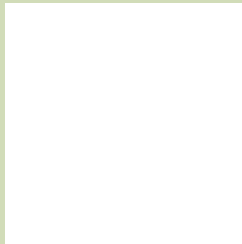
Any Text WCAG AAA ✓ Pass

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

RYB 184, 220, 195 Background



This preview shows how black text looks on a background with the RYB color 184, 220, 195.

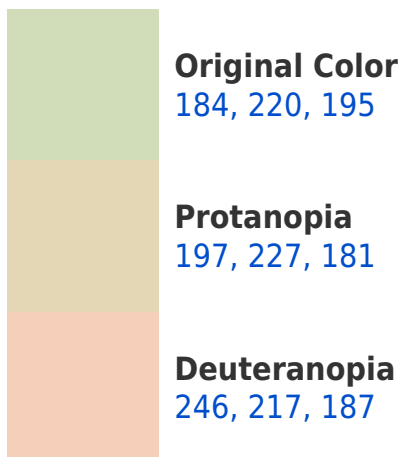


This preview shows how white text looks on a background with the RYB color 184, 220, 195.

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](#).

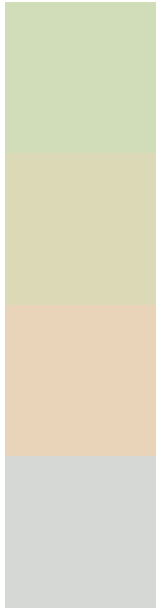
Dichromacy





Tritanopia
216, 214, 230

Trichromacy



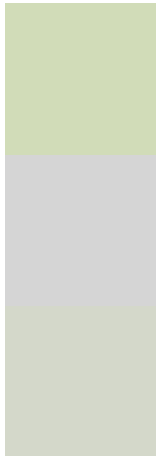
Original Color
184, 220, 195

Protanomaly
185, 220, 182

Deuteranomaly
224, 233, 186

Tritanomaly
213, 216, 216

Monochromacy



Original Color
184, 220, 195

Achromatopsia
213, 213, 213

Achromatomaly
202, 216, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 220, 195 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(209, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 220, 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(209, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 220, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 220, 195 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(209, 220, 184) }
```

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

```
.border{ border-color:rgb(209, 220, 184) }
```

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

Here you see how a box with a 4 pixel rgb(209, 220, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 220,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 220, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 220, 184) }
```

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

```
.background{ background-color: rgb(209,  
220, 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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