

Converting Colors

`RYB(195, 220, 205)`

Have a look what the booklet for
RYB(195, 220, 205) contains.

RYB(195, 220, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(195, 220, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D2DCC3
RGB	210, 220, 195
RGB Percent	82%, 86%, 76%
CMY	0.1765, 0.1373, 0.2353
CMYK	0.05, 0.00, 0.11, 0.14
HSL	84°, 26%, 81%
HSV	84°, 11%, 86%
XYZ	62.0219, 68.8282, 61.6460
YIQ	214.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

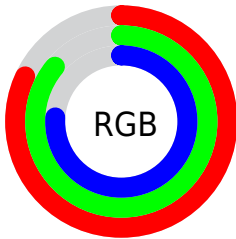
Format	Color
RYB	195, 220, 205
Decimal	13819075
CIELab	86.42, -7.78, 11.13
CIELCh	86, 13.578, 124.947
Yxy	68.8282, 0.3222, 0.3576
Android (android.graphics.Color)	4292009155 (0xFFD2DCC3)
YUV	214.1600, -9.4459, -3.6483
Hunter-Lab	82.9627, -11.7405, 14.0181

Details

The RYB color **195, 220, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 195, 220**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **252, 255, 252**, and **141, 165, 151** is the 20% darker color. If you saturate the color by 10%, you get **173, 220, 192**, and if you desaturate by 10%, it is **217, 220, 218**.

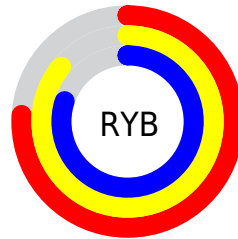
Distribution



Red (82%)

Green (86%)

Blue (76%)



Red (76%)

Yellow (86%)

Blue (80%)

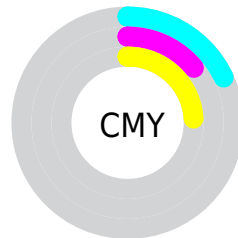


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 220, 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 195, 220, 205 by changing the saturation by 10% instead.


 195, 220, 205

255, 255, 255


252, 255, 252

 195, 220, 205

 168, 192, 178

 141, 165, 151

 116, 139, 126

 91, 113, 100

 68, 89, 77

 45, 65, 53

 25, 43, 33

 0, 23, 8

 0, 0, 0

 195, 220, 205

 195, 220, 205

 173, 220, 192

 217, 220, 218

 151, 220, 179

 228, 220, 239

 129, 220, 165

 236, 220, 255

 107, 220, 152

 245, 220, 255

 85, 220, 139

 254, 220, 255

 63, 220, 126

 255, 220, 255

 41, 220, 113

 19, 220, 99

 0, 220, 88

Harmonies

Analogous

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



203, 225, 191



195, 220, 205



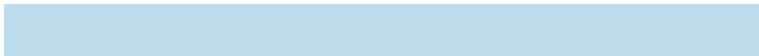
196, 216, 223

Triad

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



195, 220, 205



191, 209, 239



243, 208, 214

Complementary

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



195, 220, 205



205, 195, 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.



235, 209, 227



195, 220, 205



205, 214, 242

Square

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



195, 220, 205



184, 205, 230



222, 212, 237



243, 210, 202

Rectangle

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



195, 220, 205



189, 209, 224



222, 212, 237



241, 208, 219

Sweetspot

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



195, 220, 205



247, 255, 250



220, 212, 195



122, 128, 125



0, 0, 0



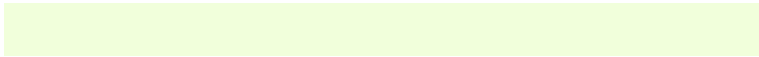
128, 128, 128

Same Dimension

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



195, 220, 205



219, 255, 233



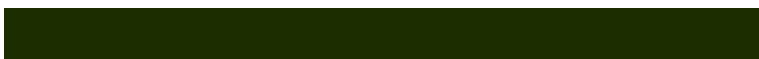
195, 220, 218



99, 110, 104



0, 173, 69



0, 46, 18

Inverse Universe

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



205, 195, 220



234, 219, 255



218, 195, 220



103, 99, 110



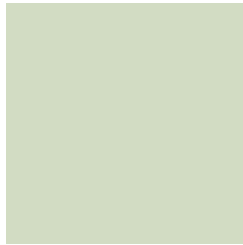
69, 0, 173



18, 0, 46

Previews

White Background



This preview shows how the RYB color 195, 220, 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 195, 220, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

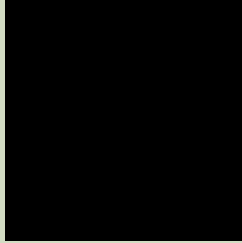
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

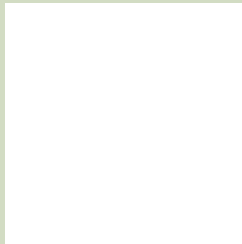
Any Text WCAG AAA ✓ Pass

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

RYB 195, 220, 205 Background



This preview shows how black text looks on a background with the RYB color 195, 220, 205.

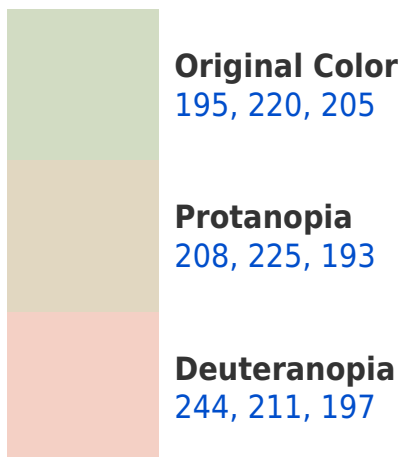


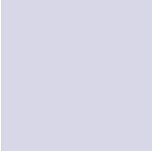
This preview shows how white text looks on a background with the RYB color 195, 220, 205.

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](#).

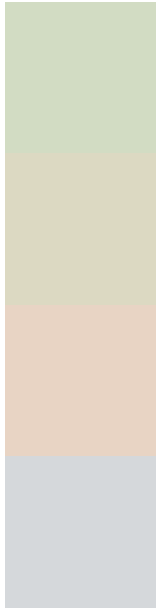
Dichromacy





Tritanopia
215, 215, 232

Trichromacy



Original Color

195, 220, 205

Protanomaly

197, 220, 194

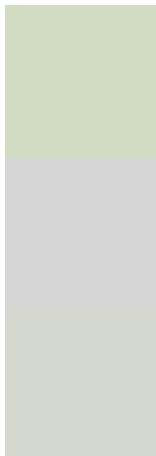
Deuteranomaly

232, 225, 196

Tritanomaly

213, 215, 219

Monochromacy



Original Color

195, 220, 205

Achromatopsia

214, 214, 214

Achromatomaly

207, 216, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 220, 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(210, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 195)  
}
```

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(210, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 220, 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(210, 220, 195) }
```

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

```
.border{ border-color:rgb(210, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 220, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 195) }
```

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

```
.background{ background-color: rgb(210,  
220, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor