

Converting Colors

`RYB(195, 220, 193)`

Have a look what the booklet for
RYB(195, 220, 193) contains.

RYB(195, 220, 193)	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, 193)

Conversions

Conversions Part 1

Format	Color
Hex	DCDAC1
RGB	220, 218, 193
RGB Percent	86%, 85%, 76%
CMY	0.1373, 0.1446, 0.2431
CMYK	0.00, 0.01, 0.12, 0.14
HSL	56°, 28%, 81%
HSV	56°, 12%, 86%
XYZ	64.2480, 69.2803, 60.4383
YIQ	215.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

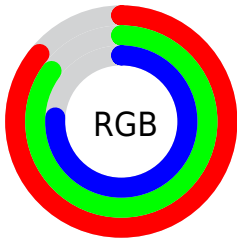
Format	Color
RYB	195, 220, 193
Decimal	14473921
CIELab	86.64, -3.61, 12.60
CIELCh	87, 13.111, 106.003
Yxy	69.2803, 0.3312, 0.3572
Android (android.graphics.Color)	4292664001 (0xFFDCDAC1)
YUV	215.7480, -11.2148, 3.7290
Hunter-Lab	83.2348, -7.8786, 15.2128

Details

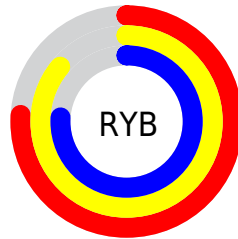
The RYB color **195, 220, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 195, 220**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **249, 255, 249**, and **141, 165, 139** is the 20% darker color. If you saturate the color by 10%, you get **174, 220, 171**, and if you desaturate by 10%, it is **215, 220, 215**.

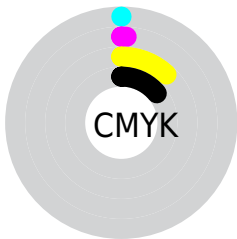
Distribution



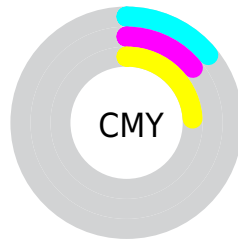
- Red (86%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 220, 193 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, 193 by changing the saturation by 10% instead.

 195, 220, 193

255, 255, 255

 249, 255, 249

 195, 220, 193

 168, 192, 166

 141, 165, 139


 115, 138, 114

 90, 113, 89

 67, 88, 66

 45, 65, 44

 23, 42, 23

 1, 23, 0

 0, 0, 0

 195, 220, 193

 195, 220, 193

 174, 220, 171

 215, 220, 215

 154, 220, 149

 220, 221, 237

 133, 220, 127

 220, 223, 255

 114, 220, 105

 220, 224, 255

 93, 220, 83

 220, 225, 255

 73, 220, 61

 220, 226, 255

 52, 220, 39

 220, 227, 255

 32, 220, 17

 220, 228, 255

 16, 220, 0

 220, 229, 255

Harmonies

Analogous

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



229, 233, 193



195, 220, 193



199, 222, 215

Triad

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



195, 220, 193



188, 208, 234



239, 209, 223

Complementary

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



195, 220, 193



193, 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.



227, 212, 234



195, 220, 193



197, 212, 241

Square

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



195, 220, 193



186, 205, 224



212, 216, 241



244, 209, 211

Rectangle

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



195, 220, 193



197, 216, 223



212, 216, 241



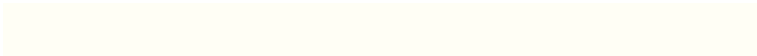
236, 210, 227

Sweetspot

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



195, 220, 193



246, 255, 245



220, 193, 195



122, 128, 121



0, 0, 0



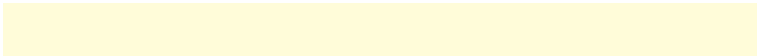
128, 128, 128

Same Dimension

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



195, 220, 193



220, 255, 217



193, 220, 204



100, 110, 99



13, 173, 0



3, 46, 0

Inverse Universe

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



193, 195, 220



217, 219, 255



204, 193, 220



99, 99, 110



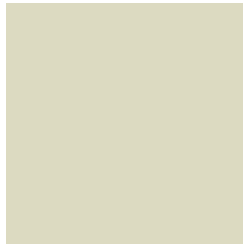
0, 11, 173



0, 3, 46

Previews

White Background



This preview shows how the RYB color 195, 220, 193 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, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

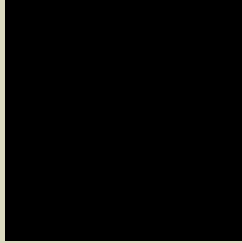
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

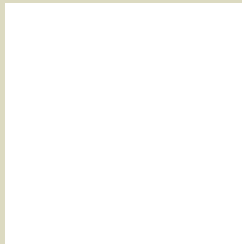
Any Text WCAG AAA ✓ Pass

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

RYB 195, 220, 193 Background



This preview shows how black text looks on a background with the RYB color 195, 220, 193.

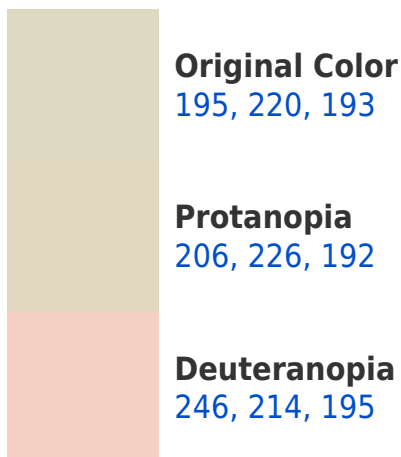


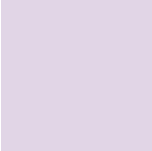
This preview shows how white text looks on a background with the RYB color 195, 220, 193.

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](#).

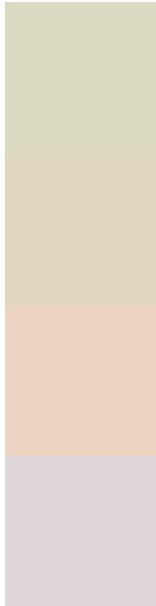
Dichromacy





Tritanopia
225, 213, 230

Trichromacy



Original Color

195, 220, 193

Protanomaly

201, 224, 192

Deuteranomaly

237, 225, 194

Tritanomaly

223, 215, 217

Monochromacy



Original Color

195, 220, 193

Achromatopsia

216, 216, 216

Achromatomaly

208, 217, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 220, 193 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(220, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 193)  
}
```

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(220, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 193) }
```

Border

The CSS property to change the border of an element to RYB 195, 220, 193 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(220, 218, 193) }
```

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

```
.border{ border-color:rgb(220, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 218,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 195, 220, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 193) }
```

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

```
.background{ background-color: rgb(220,  
218, 193) }
```

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