

Converting Colors

`RYB(194, 216, 183)`

Have a look what the booklet for
RYB(194, 216, 183) contains.

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Color

R_YB(194, 216, 183)

Conversions

Conversions Part 1

Format	Color
Hex	D8D0B7
RGB	216, 208, 183
RGB Percent	85%, 82%, 72%
CMY	0.1529, 0.1853, 0.2824
CMYK	0.00, 0.04, 0.15, 0.15
HSL	45°, 30%, 78%
HSV	45°, 15%, 85%
XYZ	59.3611, 63.0078, 53.8328
YIQ	207.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

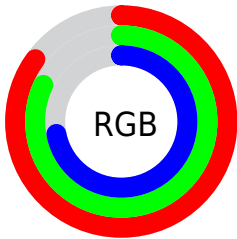
Format	Color
RYB	194, 216, 183
Decimal	14209207
CIELab	83.45, -1.26, 13.31
CIELCh	83, 13.372, 95.400
Yxy	63.0078, 0.3369, 0.3576
Android (android.graphics.Color)	4292399287 (0xFFD8D0B7)
YUV	207.5420, -12.0992, 7.4177
Hunter-Lab	79.3774, -5.4222, 15.3545

Details

The RYB color **194, 216, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 189, 216**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **239, 255, 239**, and **139, 161, 130** is the 20% darker color. If you saturate the color by 10%, you get **180, 216, 161**, and if you desaturate by 10%, it is **209, 216, 205**.

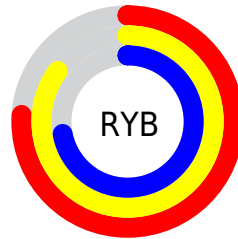
Distribution



Red (85%)

Green (82%)

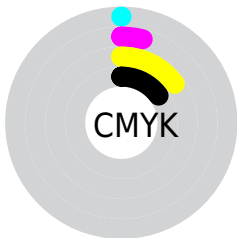
Blue (72%)



Red (76%)

Yellow (85%)

Blue (72%)

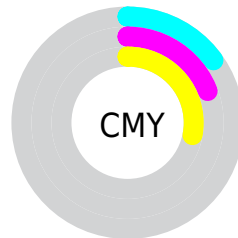


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 216, 183 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 194, 216, 183 by changing the saturation by 10% instead.

 194, 216, 183


255, 255, 255

 239, 255, 239

 194, 216, 183

 167, 188, 156


 141, 161, 130

 114, 135, 105

 89, 109, 81

 66, 85, 58

 42, 61, 36

 21, 39, 15

 2, 15, 0

 0, 0, 0

 194, 216, 183

 194, 216, 183

 180, 216, 161

 209, 216, 205

 165, 216, 140

 216, 218, 226

 150, 216, 118


 216, 222, 248

 137, 216, 97

 216, 226, 255

 122, 216, 75

 216, 229, 255

 108, 216, 53

 216, 231, 255

 93, 216, 32

 216, 233, 255

 78, 216, 10

 216, 234, 255

 72, 216, 0

 216, 236, 255

Harmonies

Analogous

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



228, 219, 185



194, 216, 183



187, 212, 197

Triad

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



194, 216, 183



177, 198, 222



227, 201, 219

Complementary

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



194, 216, 183



183, 189, 216

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.



213, 204, 228



194, 216, 183



184, 201, 230

Square

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



194, 216, 183



178, 199, 216



197, 205, 233



234, 199, 206

Rectangle

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



194, 216, 183



192, 213, 214



197, 205, 233



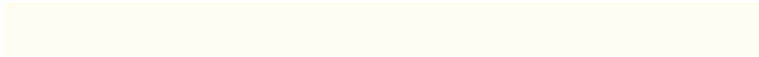
223, 202, 222

Sweetspot

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



194, 216, 183



246, 255, 242



216, 183, 191



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



194, 216, 183



223, 255, 209



183, 216, 191



100, 107, 96



57, 171, 0



13, 43, 0

Inverse Universe

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



183, 189, 216



209, 219, 255



191, 183, 216



96, 98, 107



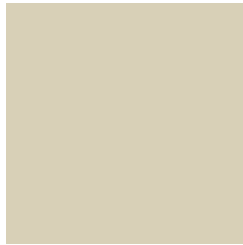
0, 34, 171



0, 9, 43

Previews

White Background



This preview shows how the RYB color 194, 216, 183 looks on a white background.

Color Contrast Check

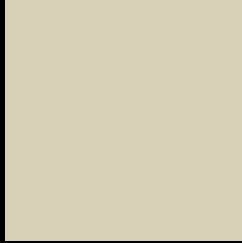
Large Text (above 18pt) WCAG AA × Fail

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 194, 216, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

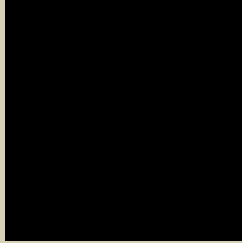
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

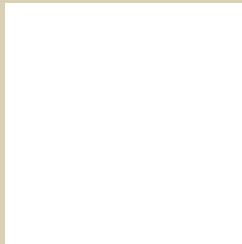
Any Text WCAG AAA ✓ Pass

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

RYP 194, 216, 183 Background



This preview shows how black text looks on a background with the RYB color 194, 216, 183.

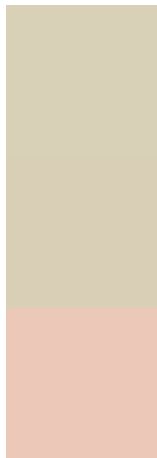


This preview shows how white text looks on a background with the RYB color 194, 216, 183.

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



Original Color
194, 216, 183

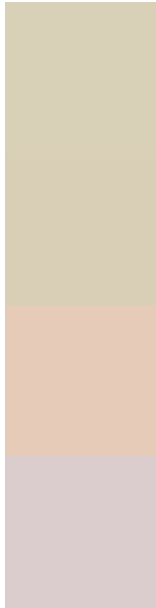
Protanopia
197, 217, 183

Deuteranopia
236, 207, 184



Tritanopia
221, 203, 219

Trichromacy



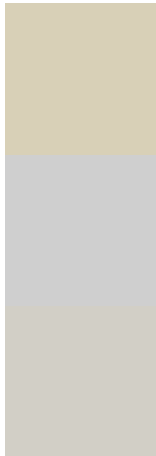
Original Color
194, 216, 183

Protanomaly
197, 217, 183

Deuteranomaly
229, 217, 184

Tritanomaly
219, 205, 206

Monochromacy



Original Color
194, 216, 183

Achromatopsia
207, 207, 207

Achromatomaly
202, 210, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 216, 183 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(216, 208, 183) looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 183)  
}
```

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(216, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 183) }
```

Border

The CSS property to change the border of an element to RYB 194, 216, 183 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(216, 208, 183) }
```

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

```
.border{ border-color:rgb(216, 208, 183) }
```

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

Here you see how a box with a 4 pixel rgb(216, 208, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 194, 216, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 183) }
```

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

```
.background{ background-color: rgb(216,  
208, 183) }
```

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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