

Converting Colors

`RYB(176, 216, 175)`

Have a look what the booklet for
RYB(176, 216, 175) contains.

RYB(176, 216, 175)	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

$\text{RYB}(176, 216, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	D8D7AF
RGB	216, 215, 175
RGB Percent	85%, 84%, 69%
CMY	0.1529, 0.1568, 0.3137
CMYK	0.00, 0.00, 0.19, 0.15
HSL	59°, 34%, 77%
HSV	59°, 19%, 85%
XYZ	60.3633, 66.3071, 50.1745
YIQ	210.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

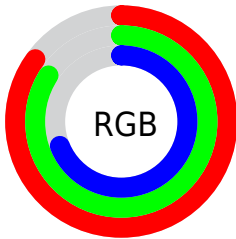
Format	Color
RYB	176, 216, 175
Decimal	14210991
CIELab	85.15, -6.22, 19.92
CIELCh	85, 20.871, 107.344
Yxy	66.3071, 0.3413, 0.3749
Android (android.graphics.Color)	4292401071 (0xFFD8D7AF)
YUV	210.7390, -17.6193, 4.6139
Hunter-Lab	81.4292, -10.1793, 20.4675

Details

The RYB color **176, 216, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 176, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **231, 255, 231**, and **123, 161, 122** is the 20% darker color. If you saturate the color by 10%, you get **154, 216, 153**, and if you desaturate by 10%, it is **197, 216, 197**.

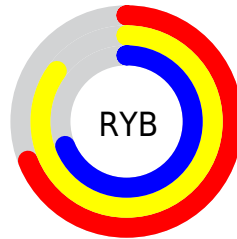
Distribution



Red (85%)

Green (84%)

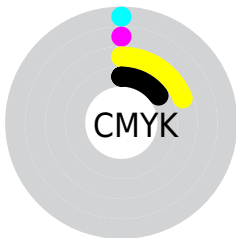
Blue (69%)



Red (69%)

Yellow (85%)

Blue (69%)

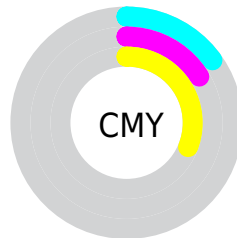


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 216, 175 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 176, 216, 175 by changing the saturation by 10% instead.

 176, 216, 175


255, 255, 255


 231, 255, 231

 176, 216, 175

 149, 188, 148

 123, 161, 122

 97, 134, 97

 73, 109, 73

 50, 85, 51

 29, 62, 31

 5, 40, 7

 0, 20, 7

 0, 0, 0

 176, 216, 175

 176, 216, 175

 154, 216, 153

 197, 216, 197

 134, 216, 132

 216, 216, 218

 113, 216, 110

 216, 217, 240

 92, 216, 89

 216, 217, 255

 71, 216, 67

 216, 218, 255

 49, 216, 45

 216, 219, 255

 29, 216, 24

 216, 220, 255

 7, 216, 2

 5, 216, 0

Harmonies

Analogous

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



223, 236, 175



176, 216, 175



186, 220, 213

Triad

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



176, 216, 175



163, 197, 241



247, 200, 222

Complementary

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



176, 216, 175



175, 176, 216

Split Complementary

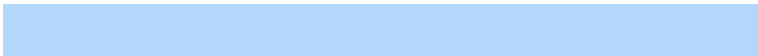
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 204, 240



176, 216, 175



180, 204, 251

Square

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



176, 216, 175



161, 193, 224



205, 210, 250



254, 199, 202

Rectangle

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



176, 216, 175



179, 210, 223



205, 210, 250



243, 201, 228

Sweetspot

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



176, 216, 175



240, 255, 240



216, 175, 176



120, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



176, 216, 175



197, 255, 196



175, 216, 194



96, 107, 96



4, 171, 0



1, 43, 0

Inverse Universe

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



175, 176, 216



196, 198, 255



194, 175, 216



96, 97, 107



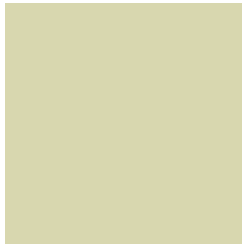
0, 4, 171



0, 1, 43

Previews

White Background



This preview shows how the RYB color 176, 216, 175 looks on a white background.

Color Contrast Check

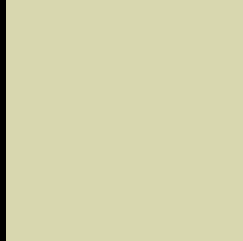
Large Text (above 18pt) WCAG AA × Fail

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 176, 216, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

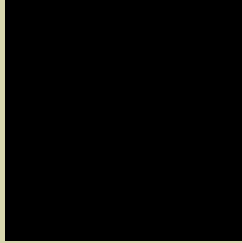
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

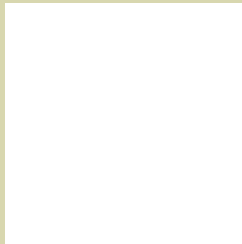
Any Text WCAG AAA ✓ Pass

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

RYB 176, 216, 175 Background



This preview shows how black text looks on a background with the RYB color 176, 216, 175.



This preview shows how white text looks on a background with the RYB color 176, 216, 175.

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](#).

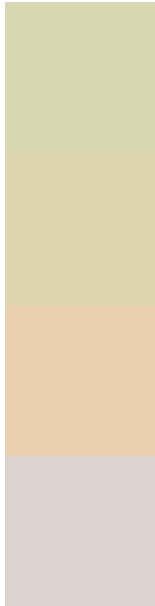
Dichromacy





Tritanopia
223, 208, 225

Trichromacy



Original Color

176, 216, 175

Protanomaly

185, 222, 174

Deuteranomaly

226, 235, 176

Tritanomaly

220, 213, 207

Monochromacy



Original Color

176, 216, 175

Achromatopsia

211, 211, 211

Achromatomaly

199, 213, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 216, 175 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, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 175)  
}
```

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, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 175) }
```

Border

The CSS property to change the border of an element to RYB 176, 216, 175 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, 215, 175) }
```

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

```
.border{ border-color:rgb(216, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 176, 216, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 175) }
```

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

```
.background{ background-color: rgb(216,  
215, 175) }
```

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