

Converting Colors

`RYB(196, 217, 199)`

Have a look what the booklet for
RYB(196, 217, 199) contains.

RYB(196, 217, 199)	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(196, 217, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9C4
RGB	214, 217, 196
RGB Percent	84%, 85%, 77%
CMY	0.1608, 0.1490, 0.2314
CMYK	0.01, 0.00, 0.10, 0.15
HSL	69°, 22%, 81%
HSV	69°, 10%, 85%
XYZ	62.5082, 67.9074, 62.0375
YIQ	213.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

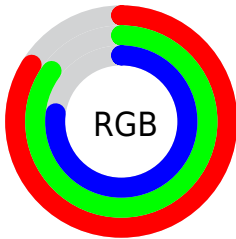
Format	Color
RYB	196, 217, 199
Decimal	14080452
CIELab	85.96, -4.67, 9.99
CIELCh	86, 11.027, 115.055
Yxy	67.9074, 0.3248, 0.3529
Android (android.graphics.Color)	4292270532 (0xFFD6D9C4)
YUV	213.7090, -8.7305, 0.2552
Hunter-Lab	82.4059, -8.8109, 13.0490

Details

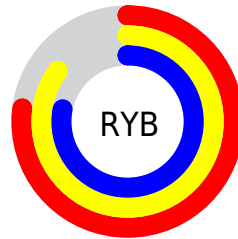
The RYB color **196, 217, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 196, 217**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 162, 145** is the 20% darker color. If you saturate the color by 10%, you get **174, 217, 180**, and if you desaturate by 10%, it is **217, 217, 218**.

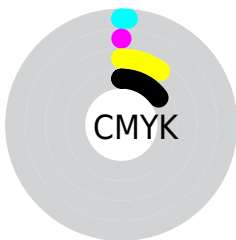
Distribution



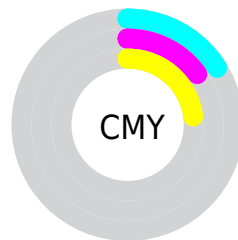
- Red (84%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 217, 199 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 196, 217, 199 by changing the saturation by 10% instead.

■ 196, 217, 199

255, 255, 255

253, 255, 253

■ 196, 217, 199

■ 169, 189, 172

■ 142, 162, 145

■ 117, 136, 120

■ 92, 111, 95

■ 69, 86, 72

■ 46, 63, 49

■ 25, 41, 28

■ 0, 21, 2

■ 0, 0, 0

 196, 217, 199


 196, 217, 199

 174, 217, 180

 217, 217, 218

 153, 217, 162

 220, 217, 239

 131, 217, 143

 223, 217, 255

 109, 217, 124

 226, 217, 255

 88, 217, 106

 229, 217, 255

 66, 217, 88

 233, 217, 255

 44, 217, 69

 236, 217, 255

 22, 217, 50

 239, 217, 255

 1, 217, 32

 242, 217, 255

Harmonies

Analogous

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



213, 226, 194



196, 217, 199



202, 219, 220

Triad

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



196, 217, 199



193, 209, 232



235, 208, 217

Complementary

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



196, 217, 199



199, 196, 217

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, 210, 227



196, 217, 199



202, 212, 235

Square

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



196, 217, 199



189, 205, 223



215, 213, 234



238, 208, 207

Rectangle

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



196, 217, 199



195, 212, 221



215, 213, 234



233, 208, 221

Sweetspot

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



196, 217, 199



247, 255, 248



217, 200, 196



122, 128, 123



0, 0, 0



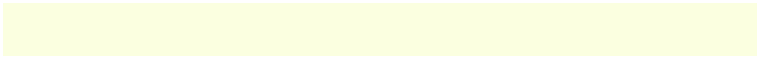
128, 128, 128

Same Dimension

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



196, 217, 199



224, 255, 228



196, 217, 209



99, 110, 101



0, 173, 24



0, 46, 7

Inverse Universe

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



199, 196, 217



229, 224, 255



209, 196, 217



100, 99, 110



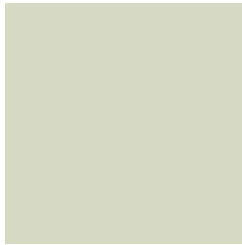
25, 0, 173



7, 0, 46

Previews

White Background



This preview shows how the RYB color 196, 217, 199 looks on a white background.

Color Contrast Check

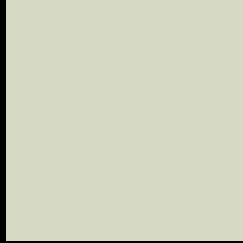
Large Text (above 18pt) WCAG AA × Fail

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 196, 217, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

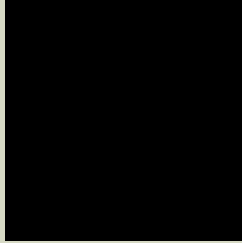
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

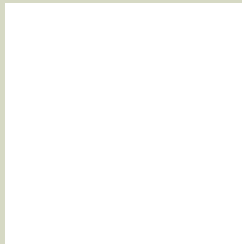
Any Text WCAG AAA ✓ Pass

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

R/Y/B 196, 217, 199 Background



This preview shows how black text looks on a background with the R/Y/B color 196, 217, 199.

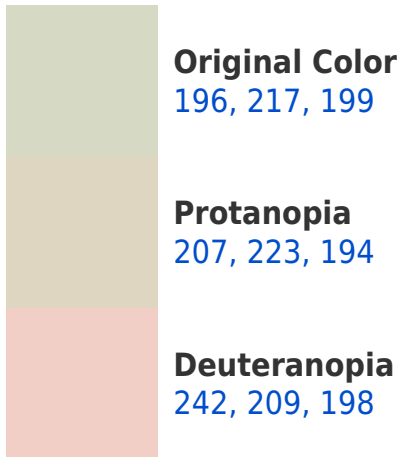


This preview shows how white text looks on a background with the R/Y/B color 196, 217, 199.

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](#).

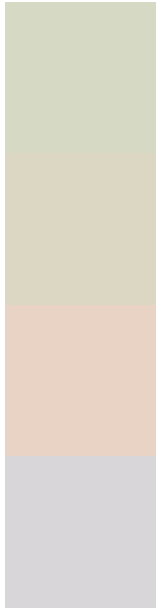
Dichromacy





Tritanopia
219, 212, 229

Trichromacy



Original Color

196, 217, 199

Protanomaly

201, 220, 195

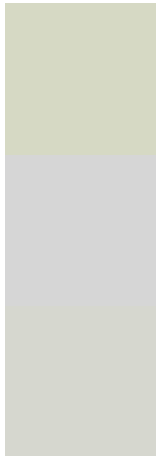
Deuteranomaly

232, 220, 197

Tritanomaly

217, 214, 217

Monochromacy



Original Color

196, 217, 199

Achromatopsia

214, 214, 214

Achromatomaly

207, 215, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 217, 199 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(214, 217, 196) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 196)  
}
```

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(214, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 217, 199 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(214, 217, 196) }
```

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

```
.border{ border-color:rgb(214, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 217, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 196) }
```

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

```
.background{ background-color: rgb(214,  
217, 196) }
```

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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