

Converting Colors

`RYB(165, 217, 160)`

Have a look what the booklet for
RYB(165, 217, 160) contains.

RYB(165, 217, 160)	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(165, 217, 160)

Conversions

Conversions Part 1

Format	Color
Hex	D9D4A0
RGB	217, 212, 160
RGB Percent	85%, 83%, 63%
CMY	0.1490, 0.1670, 0.3725
CMYK	0.00, 0.02, 0.26, 0.15
HSL	55°, 43%, 74%
HSV	55°, 26%, 85%
XYZ	58.6048, 64.5786, 42.6338
YIQ	207.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

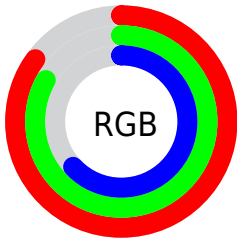
Format	Color
RYB	165, 217, 160
Decimal	14275744
CIELab	84.27, -6.61, 26.56
CIELCh	84, 27.367, 103.986
Yxy	64.5786, 0.3534, 0.3895
Android (android.graphics.Color)	4292465824 (0xFFD9D4A0)
YUV	207.5670, -23.4505, 8.2727
Hunter-Lab	80.3608, -10.4565, 24.7975

Details

The RYB color **165, 217, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 165, 217**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **215, 255, 215**, and **111, 161, 108** is the 20% darker color. If you saturate the color by 10%, you get **144, 217, 138**, and if you desaturate by 10%, it is **185, 217, 182**.

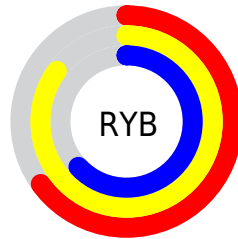
Distribution



Red (85%)

Green (83%)

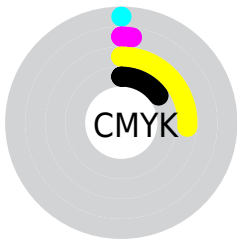
Blue (63%)



Red (65%)

Yellow (85%)

Blue (63%)

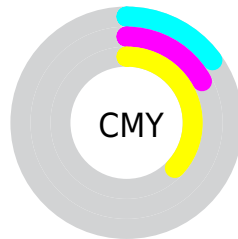


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 217, 160 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 165, 217, 160 by changing the saturation by 10% instead.

 165, 217, 160


255, 255, 255

 215, 255, 215

 244, 255, 244

 165, 217, 160

 138, 189, 134

 111, 161, 108


 86, 135, 83

 62, 109, 60

 38, 84, 37

 15, 60, 15

 0, 38, 0

 0, 18, 11

 0, 0, 0

 165, 217, 160

 165, 217, 160

 144, 217, 138

 185, 217, 182

 126, 217, 117

 204, 217, 203

 106, 217, 95

 217, 218, 225

 86, 217, 73

 217, 219, 247

 66, 217, 52

 217, 221, 255

 46, 217, 30

 217, 222, 255

 27, 217, 8

 217, 224, 255

 18, 217, 0

 217, 224, 255

 217, 226, 255

Harmonies

Analogous

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



233, 242, 161



165, 217, 160



173, 219, 204

Triad

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



165, 217, 160



139, 186, 245



253, 193, 225

Complementary

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



165, 217, 160



160, 165, 217

Split Complementary

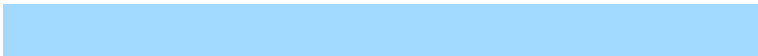
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 200, 247



165, 217, 160



161, 196, 255

Square

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



165, 217, 160



139, 183, 225



196, 206, 255



255, 192, 199

Rectangle

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



165, 217, 160



168, 209, 223



196, 206, 255



247, 195, 233

Sweetspot

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



165, 217, 160



237, 255, 235



217, 160, 165



117, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



165, 217, 160



181, 255, 173



160, 217, 184



100, 110, 99



15, 173, 0



4, 46, 0

Inverse Universe

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



160, 165, 217



173, 179, 255



184, 160, 217



99, 100, 110



0, 13, 173



0, 4, 46

Previews

White Background



This preview shows how the RYB color 165, 217, 160 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 165, 217, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

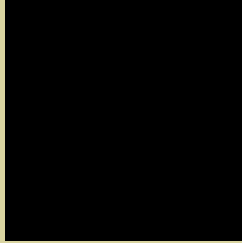
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

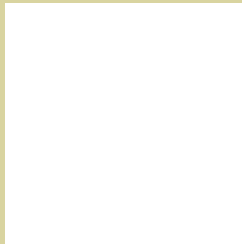
Any Text WCAG AAA ✓ Pass

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

RYB 165, 217, 160 Background



This preview shows how black text looks on a background with the RYB color 165, 217, 160.



This preview shows how white text looks on a background with the RYB color 165, 217, 160.

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
165, 217, 160

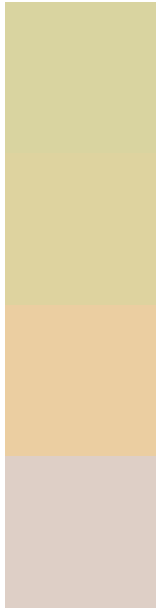
Protanopia
178, 225, 159

Deuteranopia
246, 238, 162



Tritanopia
225, 204, 220

Trichromacy



Original Color
165, 217, 160

Protanomaly
172, 222, 159

Deuteranomaly
209, 235, 161

Tritanomaly
222, 212, 198

Monochromacy



Original Color
165, 217, 160

Achromatopsia
208, 208, 208

Achromatomaly
192, 211, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 217, 160 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(217, 212, 160)` looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 160)  
}
```

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(217, 212, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 160) }
```

Border

The CSS property to change the border of an element to RYB 165, 217, 160 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(217, 212, 160) }
```

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

```
.border{ border-color:rgb(217, 212, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 212, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 160);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 165, 217, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 160) }
```

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

```
.background{ background-color: rgb(217,  
212, 160) }
```

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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