

Converting Colors

`RYB(177, 216, 108)`

Have a look what the booklet for
RYB(177, 216, 108) contains.

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Color

R_YB(177, 216, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D8AE6C
RGB	216, 174, 108
RGB Percent	85%, 68%, 42%
CMY	0.1529, 0.3180, 0.5765
CMYK	0.00, 0.19, 0.50, 0.15
HSL	37°, 58%, 64%
HSV	37°, 50%, 85%
XYZ	46.1421, 45.9145, 20.6178
YIQ	179.0340, 46.2180, -11.6220

Conversions

Conversions Part 2

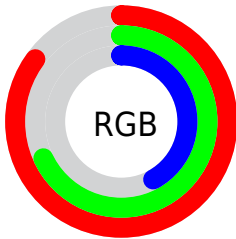
Format	Color
RYB	177, 216, 108
Decimal	14200428
CIELab	73.49, 7.23, 39.44
CIELCh	73, 40.103, 79.607
Yxy	45.9145, 0.4095, 0.4075
Android (android.graphics.Color)	4292390508 (0xFFD8AE6C)
YUV	179.0340, -35.0198, 32.4192
Hunter-Lab	67.7602, 2.9712, 29.3916

Details

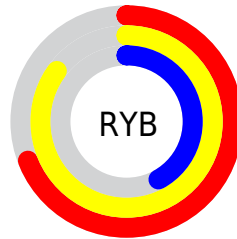
The RYB color **177, 216, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 138, 216**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **197, 255, 161**, and **118, 159, 59** is the 20% darker color. If you saturate the color by 10%, you get **170, 216, 86**, and if you desaturate by 10%, it is **186, 216, 130**.

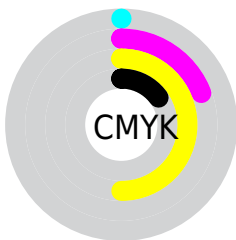
Distribution



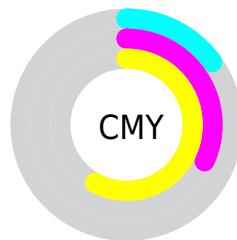
- Red (85%)
- Green (68%)
- Blue (42%)



- Red (69%)
- Yellow (85%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 216, 108 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 177, 216, 108 by changing the saturation by 10% instead.

 177, 216, 108

 177, 216, 108


255, 255, 255

 148, 187, 83

 197, 255, 161

 118, 159, 59


 188, 255, 188

 88, 131, 35

 216, 255, 216

 55, 104, 9

 245, 255, 245

 41, 78, 0


 38, 52, 0

 28, 9, 0


 0, 0, 0

 177, 216, 108


 177, 216, 108

 170, 216, 86


 186, 216, 130

 162, 216, 65

 192, 216, 151

 152, 216, 43

 201, 216, 173

 147, 216, 22

 207, 216, 194

 137, 216, 0

 216, 216, 216

 216, 222, 238

 216, 228, 255

 216, 231, 255

 216, 234, 255

Harmonies

Analogous

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



242, 176, 126



177, 216, 108



110, 186, 116

Triad

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



177, 216, 108



28, 115, 204



214, 162, 229

Complementary

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



177, 216, 108



108, 138, 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.



166, 175, 250



177, 216, 108



30, 122, 235

Square

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



177, 216, 108



90, 154, 199



103, 157, 252



244, 153, 195

Rectangle

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



177, 216, 108



123, 192, 162



103, 157, 252



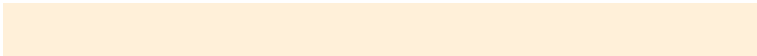
200, 167, 237

Sweetspot

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



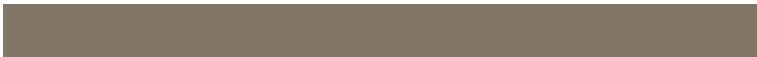
177, 216, 108



242, 255, 217



216, 108, 151



120, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



177, 216, 108



201, 255, 102



108, 216, 119



102, 107, 96



110, 171, 0



28, 43, 0

Inverse Universe

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



108, 138, 216



102, 145, 255



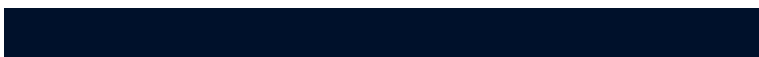
119, 108, 216



96, 99, 107



0, 48, 171



0, 12, 43

Previews

White Background



This preview shows how the RYB color 177, 216, 108 looks on a white background.

Color Contrast Check

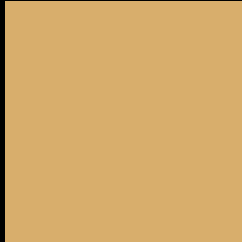
Large Text (above 18pt) WCAG AA × Fail

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 177, 216, 108 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 177, 216, 108 Background



This preview shows how black text looks on a background with the RYB color 177, 216, 108.



This preview shows how white text looks on a background with the RYB color 177, 216, 108.

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
177, 216, 108

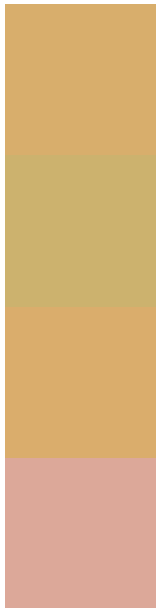
Protanopia
131, 197, 111

Deuteranopia
187, 219, 108



Tritanopia
222, 165, 178

Trichromacy



Original Color
177, 216, 108

Protanomaly
146, 204, 110

Deuteranomaly
184, 218, 108

Tritanomaly
220, 172, 153

Monochromacy



Original Color
177, 216, 108

Achromatopsia
179, 179, 179

Achromatomaly
177, 192, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 216, 108 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, 174, 108)` looks like.

```
.text, #text, p{  
    color:rgb(216, 174, 108)  
}
```

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, 174, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 174, 108) }
```

Border

The CSS property to change the border of an element to RYB 177, 216, 108 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, 174, 108) }
```

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

```
.border{ border-color:rgb(216, 174, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 174, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 174, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 174, 108);  
box-shadow:4px 4px 4px 4px rgb(216, 174,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 177, 216, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 174, 108) }
```

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

```
.background{ background-color: rgb(216,  
174, 108) }
```

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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