

Converting Colors

CIELCh(67, 17.958, 85.412)

Have a look what the booklet for
CIELCh(67, 17.958, 85.412) contains.

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Color

CIELCh(67, 17.958, 85.412)

Conversions

Conversions Part 1

Format	Color
Hex	B2A183
RGB	178, 161, 131
RGB Percent	70%, 63%, 51%
CMY	0.3016, 0.3683, 0.4860
CMYK	0.00, 0.10, 0.26, 0.30
HSL	38°, 23%, 61%
HSV	38°, 26%, 70%
XYZ	35.2387, 36.6320, 26.7125
YIQ	162.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

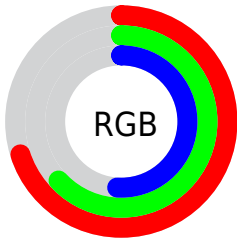
Format	Color
RYB	158, 178, 131
Decimal	11706755
CIELab	67.00, 1.44, 17.90
CIElCh	67, 17.958, 85.412
Yxy	36.6320, 0.3575, 0.3716
Android (android.graphics.Color)	4289896835 (0xFFB2A183)
YUV	162.6630, -15.6099, 13.4505
Hunter-Lab	60.5244, -1.9908, 16.1993

Details

The CIELCh color $67, 17.958, 85.412$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $61, 17.686, 272.755$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.074, 86.169$, and $47, 18.396, 86.133$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.048, 84.076$, and if you desaturate by 10%, it is $69, 11.018, 86.720$.

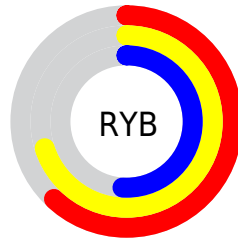
Distribution



Red (70%)

Green (63%)

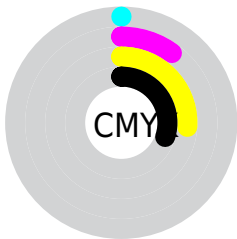
Blue (51%)



Red (62%)

Yellow (70%)

Blue (51%)

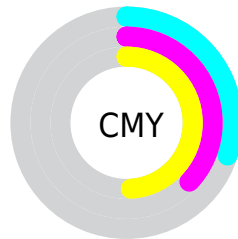


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.958, 85.412 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 CIELCh color 67, 17.958, 85.412 by changing the saturation by 10% instead.

■ 67, 17.958, 85.412

■ 67, 17.958, 85.412

■ 100, 17.958,
85.412

■ 57, 17.958, 85.412

■ 87, 17.958, 85.412

■ 47, 17.958, 85.412

■ 97, 17.958, 85.412

■ 37, 17.958, 85.412

■ 27, 17.958, 85.412

■ 17, 17.958, 85.412

■ 7, 17.958, 85.412

■ 0, 17.958, 85.412

■ 67, 17.958, 85.412

■ 67, 17.958, 85.412

■ 65, 25.048, 84.076

■ 69, 11.018, 86.720

63, 32.242, 82.692

71, 4.240, 87.952

61, 39.443, 81.260

73, 2.373, 269.333

59, 46.459, 79.755

76, 8.830, 270.434

57, 52.937, 78.117

78, 15.141,
271.547

56, 58.298, 76.227

80, 21.319,
272.615

54, 61.875, 73.909

82, 27.014,
273.307

53, 63.021, 73.065

84, 24.485,
265.637

86, 22.474,
256.506

Harmonies

Complementary

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



67, 17.958, 85.412



61, 17.686, 272.755

Rectangle

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



67, 17.958, 85.412



67, 17.958, 135.412



67, 17.958, 265.412



67, 17.958, 315.412

Sweetspot

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



67, 17.959, 85.419



90, 6.594, 87.747



60, 20.868, 354.195



48, 4.734, 87.566



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 17.959, 85.419



84, 27.195, 84.597



71, 25.446, 113.402



37, 3.778, 87.604



46, 56.342, 73.467



5, 8.206, 78.442

Inverse Universe

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



61, 17.686, 272.755



75, 26.686, 273.930



57, 27.019, 297.812



35, 3.766, 270.049



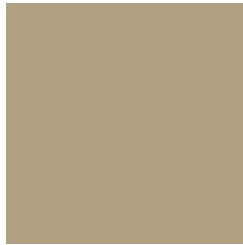
27, 62.802, 294.365



2, 9.898, 275.213

Previews

White Background



This preview shows how the CIELCh color 67, 17.958, 85.412 looks on a white background.

Color Contrast Check

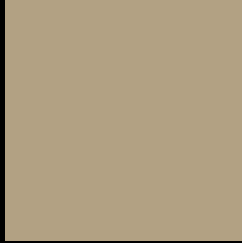
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 17.958, 85.412 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](#).

CIELCh 67, 17.958, 85.412

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.958, 85.412.



This preview shows how white text looks on a background with the CIELCh color 67, 17.958, 85.412.

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

67, 17.958, 85.412

Protanopia

67, 17.500, 94.826

Deuteranopia

67, 19.606, 64.270



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 17.958, 85.412

Protanomaly
67, 17.336, 90.480

Deuteranomaly
67, 18.558, 69.895

Tritanomaly
67, 9.209, 30.443

Monochromacy



Original Color
67, 17.958, 85.412

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.485, 88.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.958, 85.412 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(178, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 131)  
}
```

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(178, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.958, 85.412 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(178, 161, 131) }
```

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

```
.border{ border-color:rgb(178, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.958, 85.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 131) }
```

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

```
.background{ background-color: rgb(178,  
161, 131) }
```

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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