

Converting Colors

CIELCh(67, 27.915, 50.289)

Have a look what the booklet for
CIELCh(67, 27.915, 50.289) contains.

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Color

CIELCh(67, 27.915, 50.289)

Conversions

Conversions Part 1

Format	Color
Hex	CE967D
RGB	206, 150, 125
RGB Percent	81%, 59%, 49%
CMY	0.1903, 0.4100, 0.5082
CMYK	0.00, 0.27, 0.39, 0.19
HSL	19°, 46%, 65%
HSV	19°, 39%, 81%
XYZ	40.2888, 36.6320, 24.4896
YIQ	163.8940, 41.4010, 4.0970

Conversions

Conversions Part 2

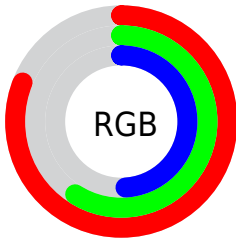
Format	Color
R _Y B	206, 161, 125
Decimal	13538941
CIE Lab	67.00, 17.84, 21.47
CIE LCh	67, 27.915, 50.289
Yxy	36.6320, 0.3973, 0.3612
Android (android.graphics.Color)	4291729021 (0xFFCE967D)
YUV	163.8940, -19.1747, 36.9270
Hunter-Lab	60.5244, 12.9031, 18.3769

Details

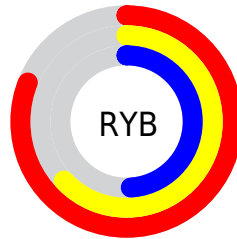
The CIELCh color **67, 27.915, 50.289** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 21.916, 237.193**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.515, 53.900**, and **47, 27.959, 50.174** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.389, 49.928**, and if you desaturate by 10%, it is **71, 20.015, 50.767**.

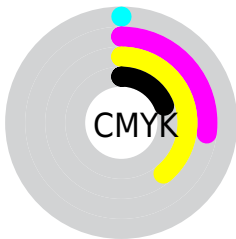
Distribution



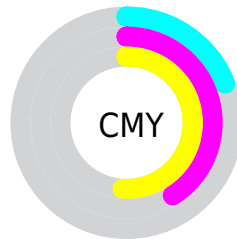
- Red (81%)
- Green (59%)
- Blue (49%)



- Red (81%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (19%)



- Cyan (19%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.915, 50.289 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, 27.915, 50.289 by changing the saturation by 10% instead.

67, 27.915, 50.289

67, 27.915, 50.289

100, 27.915,
50.289

57, 27.915, 50.289

87, 27.915, 50.289

47, 27.915, 50.289

97, 27.915, 50.289

37, 27.915, 50.289

27, 27.915, 50.289

17, 27.915, 50.289

7, 27.915, 50.289

0, 27.915, 50.289

67, 27.915, 50.289

67, 27.915, 50.289

63, 36.389, 49.928

71, 20.015, 50.767

60, 45.403, 49.674

75, 12.679, 51.322

56, 54.817, 49.504

79, 5.870, 51.914

53, 64.280, 49.307

83, 0.460, 233.804

51, 73.011, 48.790

87, 6.363, 233.491

48, 79.974, 47.649

92, 11.886,
234.191

48, 80.487, 47.597

96, 14.684,
207.934

97, 16.105,
198.435

Harmonies

Complementary

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



67, 27.915, 50.289



71, 21.916, 237.193

Rectangle

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



67, 27.915, 50.289



67, 27.915, 100.289



67, 27.915, 230.289



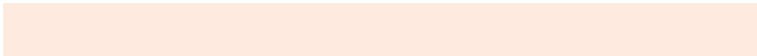
67, 27.915, 280.289

Sweetspot

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



67, 27.914, 50.295



94, 9.131, 51.744



63, 42.797, 337.217



49, 6.087, 51.666



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 27.914, 50.295



78, 40.950, 49.982



77, 34.983, 95.777



41, 3.564, 51.906



39, 67.963, 48.128



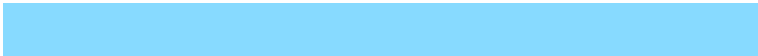
6, 15.206, 37.978

Inverse Universe

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



71, 21.916, 237.193



83, 30.233, 238.808



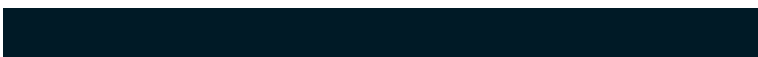
60, 36.765, 286.392



41, 3.393, 233.461



46, 35.824, 257.264



8, 12.159, 245.668

Previews

White Background



This preview shows how the CIELCh color 67, 27.915, 50.289 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, 27.915, 50.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

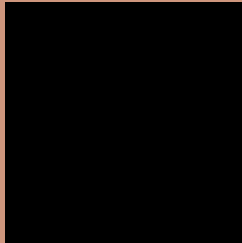
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.915, 50.289

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.915, 50.289.



This preview shows how white text looks on a background with the CIELCh color 67, 27.915, 50.289.

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, 27.915, 50.289

Protanopia

67, 18.033, 95.150

Deuteranopia

67, 23.648, 69.514



Tritanopia
67, 25.620, 8.531

Trichromacy



Original Color
67, 27.915, 50.289

Protanomaly
67, 19.661, 73.531

Deuteranomaly
67, 24.565, 62.077

Tritanomaly
67, 24.507, 24.286

Monochromacy



Original Color
67, 27.915, 50.289

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.381, 51.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.915, 50.289 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(206, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 125)  
}
```

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(206, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.915, 50.289 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(206, 150, 125) }
```

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

```
.border{ border-color:rgb(206, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.915, 50.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 125) }
```

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

```
.background{ background-color: rgb(206,  
150, 125) }
```

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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