

Converting Colors

CIELCh(67, 41.260, 57.016)

Have a look what the booklet for
CIELCh(67, 41.260, 57.016) contains.

CIELCh(67, 41.016, 56.696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 41.016, 56.696)

Conversions

Conversions Part 1

Format	Color
Hex	DA9266
RGB	218, 146, 102
RGB Percent	85%, 57%, 40%
CMY	0.1433, 0.4258, 0.5984
CMYK	0.00, 0.33, 0.53, 0.14
HSL	23°, 61%, 63%
HSV	23°, 53%, 86%
XYZ	41.8156, 36.6320, 17.5404
YIQ	162.5120, 57.0360, 1.5800

Conversions

Conversions Part 2

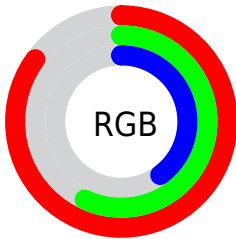
Format	Color
RYB	218, 173, 102
Decimal	14324326
CIELab	67.00, 22.52, 34.28
CIELCh	67, 41.016, 56.696
Yxy	36.6320, 0.4356, 0.3816
Android (android.graphics.Color)	4292514406 (0xFFDA9266)
YUV	162.5120, -29.8324, 48.6630
Hunter-Lab	60.5244, 17.4059, 25.1844

Details

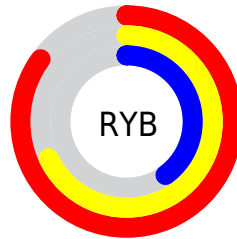
The CIELCh color **67, 41.016, 56.696** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 30.905, 250.535**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 33.418, 65.814**, and **47, 41.063, 56.534** is the 20% darker color. If you saturate the color by 10%, you get **64, 50.263, 55.969**, and if you desaturate by 10%, it is **71, 32.200, 57.472**.

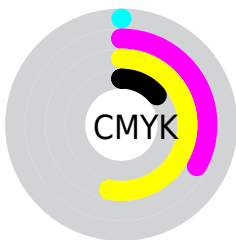
Distribution



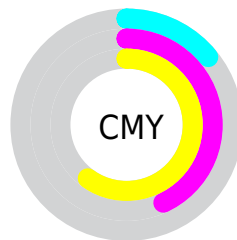
- Red (85%)
- Green (57%)
- Blue (40%)



- Red (85%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.016, 56.696 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, 41.016, 56.696 by changing the saturation by 10% instead.

67, 41.016, 56.696

67, 41.016, 56.696

100, 41.016,
56.696

57, 41.016, 56.696

87, 41.016, 56.696

47, 41.016, 56.696

97, 41.016, 56.696

37, 41.016, 56.696

27, 41.016, 56.696

17, 41.016, 56.696

7, 41.016, 56.696

0, 41.016, 56.696

67, 41.016, 56.696

67, 41.016, 56.696

64, 50.263, 55.969

71, 32.200, 57.472

60, 59.714, 55.214

74, 23.901, 58.299

57, 68.837, 54.263

78, 16.127, 59.174

55, 76.588, 52.747

82, 8.854, 60.074

53, 80.850, 51.384

86, 2.040, 60.838

90, 4.361, 242.151

94, 10.287,
242.325

97, 12.265,
198.910

98, 12.298,
198.684

Harmonies

Complementary

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



67, 41.016, 56.696



68, 30.905, 250.535

Rectangle

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



67, 41.016, 56.696



67, 41.016, 106.696



67, 41.016, 236.696



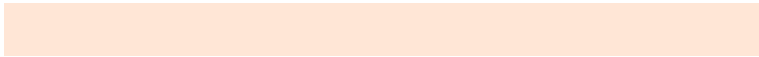
67, 41.016, 286.696

Sweetspot

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



67, 41.015, 56.700



93, 12.354, 59.803



60, 56.780, 341.834



49, 8.399, 59.616



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, 41.015, 56.700



73, 58.000, 55.865



81, 52.012, 98.229



44, 3.793, 60.400



42, 67.685, 51.985



9, 18.864, 46.368

Inverse Universe

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



68, 30.905, 250.535



75, 40.772, 254.122



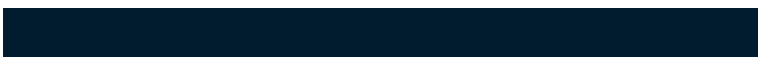
53, 58.043, 292.862



44, 3.643, 242.448



44, 42.192, 269.127



9, 15.033, 258.427

Previews

White Background



This preview shows how the CIELCh color 67, 41.016, 56.696 looks on a white background.

Color Contrast Check

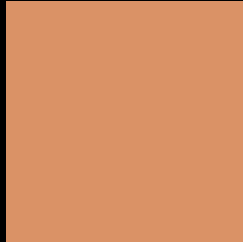
Large Text (above 18pt) WCAG AA × Fail

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, 41.016, 56.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

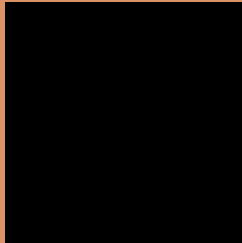
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 41.016, 56.696

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.016, 56.696.

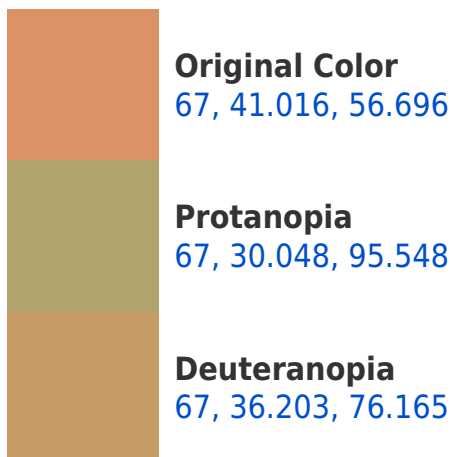


This preview shows how white text looks on a background with the CIELCh color 67, 41.016, 56.696.

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](#).

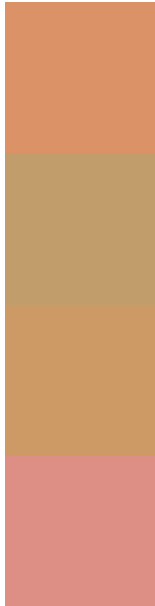
Dichromacy





Tritanopia
67, 33.375, 12.699

Trichromacy



Original Color
67, 41.016, 56.696

Protanomaly
67, 31.630, 78.477

Deuteranomaly
67, 37.232, 69.073

Tritanomaly
67, 33.719, 30.866

Monochromacy



Original Color
67, 41.016, 56.696

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.837, 59.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.016, 56.696 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(218, 146, 102)` looks like.

```
.text, #text, p{  
    color:rgb(218, 146, 102)  
}
```

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(218, 146, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 146, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.016, 56.696 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(218, 146, 102) }
```

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

```
.border{ border-color:rgb(218, 146, 102) }
```

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

Here you see how a box with a 4 pixel rgb(218, 146, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 146, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 146, 102);  
box-shadow:4px 4px 4px 4px rgb(218, 146,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.016, 56.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 146, 102) }
```

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

```
.background{ background-color: rgb(218,  
146, 102) }
```

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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