

Converting Colors

CIELCh(69, 37.452, 69.028)

Have a look what the booklet for
CIELCh(69, 37.452, 69.028) contains.

CIELCh(69, 37.268, 68.712)	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(69, 37.268, 68.712)

Conversions

Conversions Part 1

Format	Color
Hex	D39E6A
RGB	211, 158, 106
RGB Percent	83%, 62%, 42%
CMY	0.1725, 0.3804, 0.5843
CMYK	0.00, 0.25, 0.50, 0.17
HSL	30°, 54%, 62%
HSV	30°, 50%, 83%
XYZ	41.6936, 39.3444, 19.0329
YIQ	167.9190, 48.2800, -4.9360

Conversions

Conversions Part 2

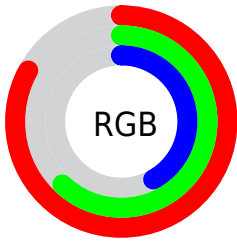
Format	Color
R _Y B	211, 209, 106
Decimal	13868650
CIE Lab	69.00, 13.53, 34.73
CIE LCh	69, 37.268, 68.712
Yxy	39.3444, 0.4166, 0.3932
Android (android.graphics.Color)	4292058730 (0xFFD39E6A)
YUV	167.9190, -30.5261, 37.7820
Hunter-Lab	62.7251, 8.8807, 25.9170

Details

The CIELCh color **69, 37.268, 68.712** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 32.103, 264.317**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.510, 77.256**, and **49, 37.503, 69.119** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.688, 67.428**, and if you desaturate by 10%, it is **72, 29.097, 69.979**.

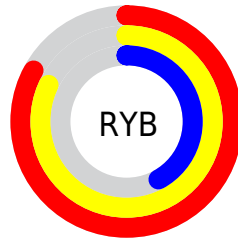
Distribution



Red (83%)

Green (62%)

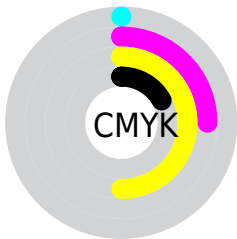
Blue (42%)



Red (83%)

Yellow (82%)

Blue (42%)

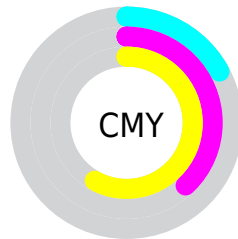


Cyan (0%)

Magenta (25%)

Yellow (50%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.268, 68.712 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 69, 37.268, 68.712 by changing the saturation by 10% instead.

69, 37.268, 68.712

69, 37.268, 68.712

100, 37.268,
68.712

59, 37.268, 68.712

89, 37.268, 68.712

49, 37.268, 68.712

99, 37.268, 68.712

39, 37.268, 68.712

29, 37.268, 68.712

19, 37.268, 68.712

9, 37.268, 68.712

0, 37.268, 68.712

69, 37.268, 68.712

69, 37.268, 68.712

66, 45.688, 67.428

72, 29.097, 69.979

63, 54.148, 66.063

75, 21.260, 71.229

61, 62.209, 64.504

78, 13.780, 72.466

58, 69.064, 62.507

81, 6.645, 73.668

56, 74.060, 59.900

85, 0.166, 257.263

56, 74.179, 59.842

88, 6.685, 256.175

91, 12.942,
257.293

94, 12.184,
228.863

97, 14.296,
200.916

Harmonies

Complementary

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



69, 37.268, 68.712



64, 32.103, 264.317

Rectangle

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



69, 37.268, 68.712



69, 37.268, 118.712



69, 37.268, 248.712



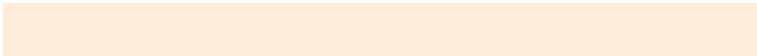
69, 37.268, 298.712

Sweetspot

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



69, 37.268, 68.717



94, 12.063, 73.026



59, 48.672, 347.967



50, 8.272, 72.768



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 37.268, 68.717



78, 53.576, 67.311



82, 52.605, 104.705



42, 3.831, 73.710



45, 62.477, 60.489



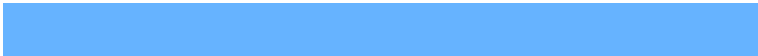
9, 15.704, 58.038

Inverse Universe

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



64, 32.103, 264.317



71, 44.671, 267.672



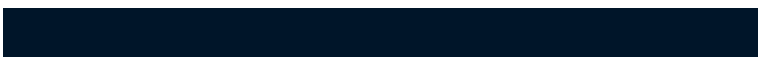
50, 60.152, 296.838



42, 3.745, 256.184



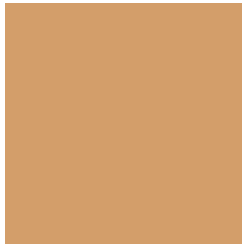
37, 52.051, 283.261



6, 16.103, 271.604

Previews

White Background



This preview shows how the CIELCh color 69, 37.268, 68.712 looks on a white background.

Color Contrast Check

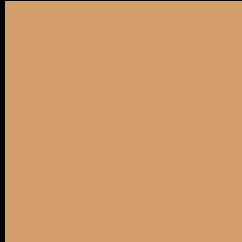
Large Text (above 18pt) WCAG AA × Fail

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 69, 37.268, 68.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

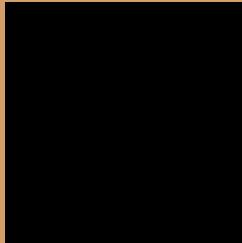
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 37.268, 68.712

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.268, 68.712.

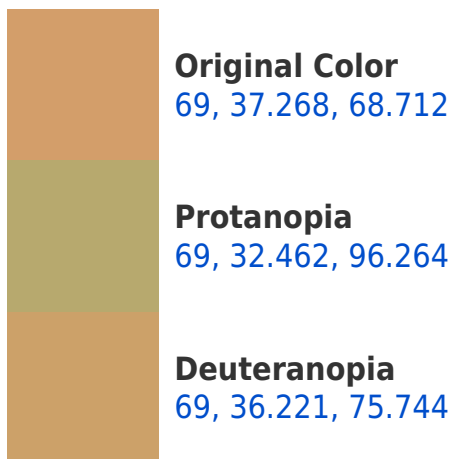


This preview shows how white text looks on a background with the CIELCh color 69, 37.268, 68.712.

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](#).

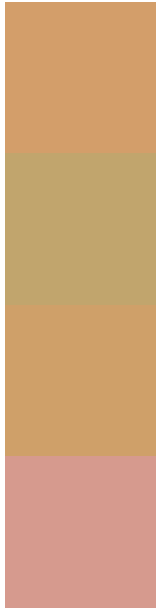
Dichromacy





Tritanopia
69, 26.250, 8.942

Trichromacy



Original Color
69, 37.268, 68.712

Protanomaly
69, 32.881, 85.447

Deuteranomaly
69, 36.832, 73.107

Tritanomaly
69, 25.806, 36.078

Monochromacy



Original Color
69, 37.268, 68.712

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 13.205, 71.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.268, 68.712 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(211, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 106)  
}
```

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(211, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.268, 68.712 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(211, 158, 106) }
```

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

```
.border{ border-color:rgb(211, 158, 106) }
```

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

Here you see how a box with a 4 pixel rgb(211, 158, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.268, 68.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 106) }
```

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

```
.background{ background-color: rgb(211,  
158, 106) }
```

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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