

Converting Colors

CIELCh(68, 38.335, 63.048)

Have a look what the booklet for
CIELCh(68, 38.335, 63.048) contains.

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Color

CIELCh(68, 38.335, 63.048)

Conversions

Conversions Part 1	
Format	Color
Hex	D69969
RGB	214, 153, 105
RGB Percent	84%, 60%, 41%
CMY	0.1619, 0.4009, 0.5891
CMYK	0.00, 0.29, 0.51, 0.16
HSL	26°, 57%, 62%
HSV	26°, 51%, 84%
XYZ	41.5405, 37.9720, 18.4416
YIQ	165.7670, 51.7640, -1.9960

Conversions

Conversions Part 2

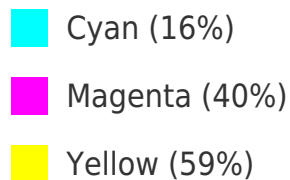
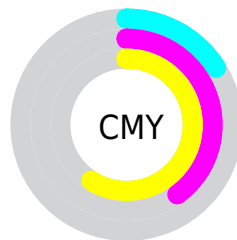
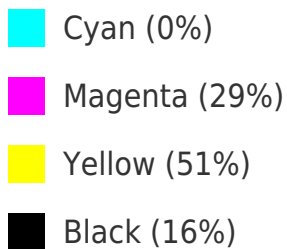
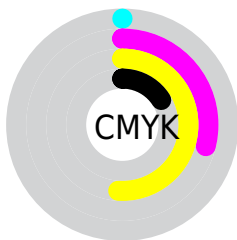
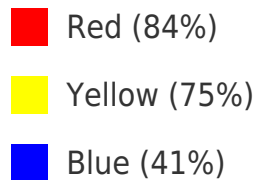
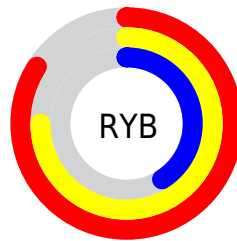
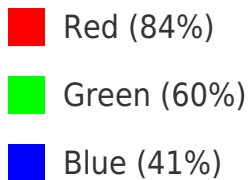
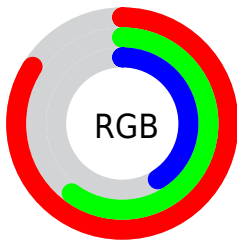
Format	Color
RYB	214, 191, 105
Decimal	14063977
CIELab	68.00, 17.38, 34.17
CIELCh	68, 38.335, 63.048
Yxy	37.9720, 0.4241, 0.3877
Android (android.graphics.Color)	4292254057 (0xFFD69969)
YUV	165.7670, -29.9581, 42.3003
Hunter-Lab	61.6215, 12.4936, 25.3912

Details

The CIELCh color **68, 38.335, 63.048** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 31.112, 258.107**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 32.920, 71.614**, and **48, 37.991, 63.210** is the 20% darker color. If you saturate the color by 10%, you get **65, 47.063, 61.976**, and if you desaturate by 10%, it is **71, 29.952, 64.131**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 38.335, 63.048 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 68, 38.335, 63.048 by changing the saturation by 10% instead.

 68, 38.335, 63.048

 68, 38.335, 63.048

 100, 38.335,
63.048

 58, 38.335, 63.048

 88, 38.335, 63.048

 48, 38.335, 63.048

 98, 38.335, 63.048

 38, 38.335, 63.048

 28, 38.335, 63.048

 18, 38.335, 63.048

 8, 38.335, 63.048

 0, 38.335, 63.048

 68, 38.335, 63.048

 68, 38.335, 63.048

 65, 47.063, 61.976

 71, 29.952, 64.131

 62, 55.932, 60.845

 75, 21.992, 65.224

 59, 64.481, 59.522

 78, 14.467, 66.329


 56, 71.831, 57.717


 82, 7.359, 67.422

 54, 76.900, 55.564

 85, 0.633, 67.913

 89, 5.747, 249.783

 92, 11.819,
250.829

 96, 12.005,
215.127

 97, 13.819,
198.584

Harmonies

Complementary

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



68, 38.335, 63.048



66, 31.112, 258.107

Rectangle

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



68, 38.335, 63.048



68, 38.335, 113.048



68, 38.335, 243.048



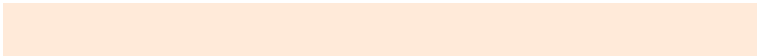
68, 38.335, 293.048

Sweetspot

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



68, 38.334, 63.053



94, 11.739, 66.971



59, 51.689, 345.208



49, 8.058, 66.737



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 38.334, 63.053



76, 54.412, 61.906



82, 52.056, 102.141



43, 3.793, 67.587



44, 64.799, 56.192



9, 17.162, 52.226

Inverse Universe

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



66, 31.112, 258.107



73, 42.126, 261.429



51, 58.994, 295.208



43, 3.677, 249.918



40, 47.153, 277.270



8, 15.743, 266.301

Previews

White Background



This preview shows how the CIELCh color 68, 38.335, 63.048 looks on a white background.

Color Contrast Check

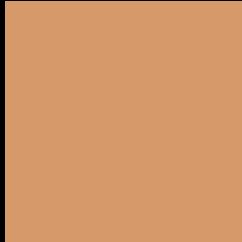
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 38.335, 63.048 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 68, 38.335, 63.048

Background



This preview shows how black text looks on a background with the CIELCh color 68, 38.335, 63.048.



This preview shows how white text looks on a background with the CIELCh color 68, 38.335, 63.048.

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

68, 38.335, 63.048

Protanopia

68, 30.999, 95.866

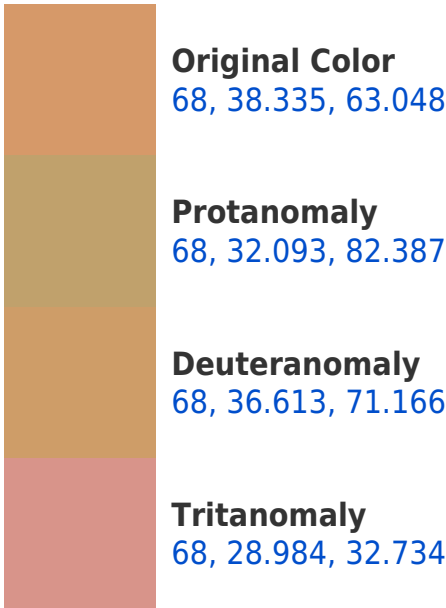
Deuteranopia

68, 35.595, 75.917

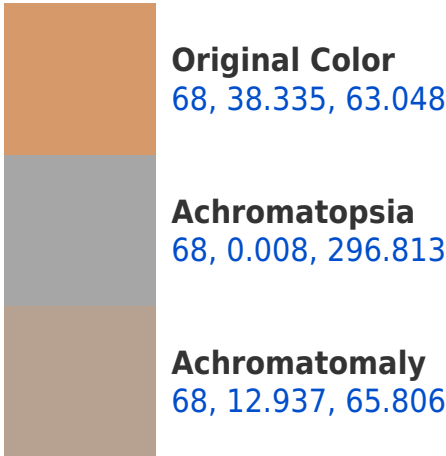


Tritanopia
68, 29.169, 10.640

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 38.335, 63.048 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(214, 153, 105)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 105)  
}
```

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(214, 153, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 38.335, 63.048 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(214, 153, 105) }
```

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

```
.border{ border-color:rgb(214, 153, 105) }
```

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

Here you see how a box with a 4 pixel rgb(214, 153, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 105);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 38.335, 63.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 153, 105) }
```

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

```
.background{ background-color: rgb(214,  
153, 105) }
```

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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