

Converting Colors

CIELCh(69, 40.281, 57.999)

Have a look what the booklet for
CIELCh(69, 40.281, 57.999) contains.

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Color

CIELCh(69, 40.231, 58.018)

Conversions

Conversions Part 1

Format	Color
Hex	DF996C
RGB	223, 153, 108
RGB Percent	87%, 60%, 42%
CMY	0.1272, 0.4015, 0.5779
CMYK	0.00, 0.31, 0.52, 0.13
HSL	23°, 64%, 65%
HSV	23°, 52%, 87%
XYZ	44.3072, 39.3444, 19.3412
YIQ	168.8000, 56.1650, 0.8450

Conversions

Conversions Part 2

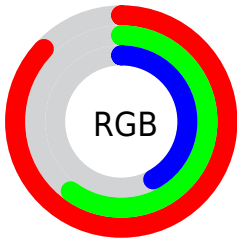
Format	Color
R _Y B	223, 182, 108
Decimal	14653804
CIE Lab	69.00, 21.31, 34.12
CIE LCh	69, 40.231, 58.018
Yxy	39.3444, 0.4302, 0.3820
Android (android.graphics.Color)	4292843884 (0xFFDF996C)
YUV	168.8000, -29.9744, 47.5334
Hunter-Lab	62.7251, 16.3184, 25.6255

Details

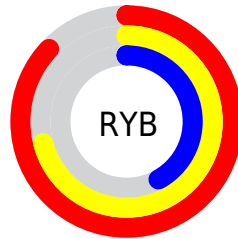
The CIELCh color **69, 40.231, 58.018** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 30.946, 251.827**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 31.760, 71.264**, and **49, 40.497, 58.444** is the 20% darker color. If you saturate the color by 10%, you get **66, 49.504, 57.211**, and if you desaturate by 10%, it is **73, 31.396, 58.869**.

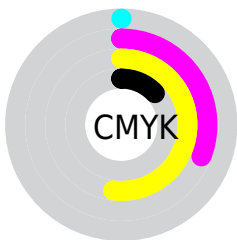
Distribution



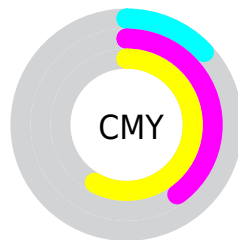
- Red (87%)
- Green (60%)
- Blue (42%)



- Red (87%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (52%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 40.231, 58.018 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, 40.231, 58.018 by changing the saturation by 10% instead.

69, 40.231, 58.018

69, 40.231, 58.018

100, 40.231,
58.018

59, 40.231, 58.018

89, 40.231, 58.018

49, 40.231, 58.018

99, 40.231, 58.018

39, 40.231, 58.018

29, 40.231, 58.018

19, 40.231, 58.018

9, 40.231, 58.018

0, 40.231, 58.018

69, 40.231, 58.018

69, 40.231, 58.018

66, 49.504, 57.211

73, 31.396, 58.869

62, 59.007, 56.378

76, 23.073, 59.762

59, 68.252, 55.372

80, 15.266, 60.694

57, 76.265, 53.860

84, 7.949, 61.639

55, 81.464, 52.103

88, 1.081, 62.241

92, 5.384, 243.779

96, 9.174, 224.121

98, 10.972,
198.774

Harmonies

Complementary

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



69, 40.231, 58.018



70, 30.946, 251.827

Rectangle

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



69, 40.231, 58.018



69, 40.231, 108.018



69, 40.231, 238.018



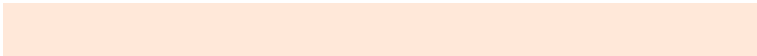
69, 40.231, 288.018

Sweetspot

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



69, 40.230, 58.023



93, 11.567, 61.313



61, 55.642, 342.548



49, 7.946, 61.111



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, 40.230, 58.023



74, 55.734, 57.144



83, 52.149, 99.353



45, 3.876, 61.841



43, 67.995, 52.714



10, 20.064, 48.419

Inverse Universe

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



70, 30.946, 251.827



75, 40.270, 255.164



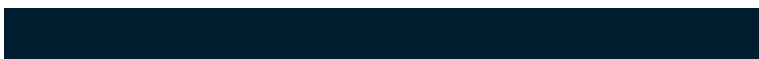
54, 58.291, 293.280



45, 3.729, 243.961



44, 43.720, 270.945



10, 15.921, 260.908

Previews

White Background



This preview shows how the CIELCh color 69, 40.231, 58.018 looks on a white background.

Color Contrast Check

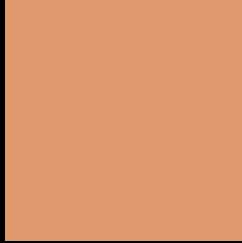
Large Text (above 18pt) WCAG AA × Fail

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, 40.231, 58.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

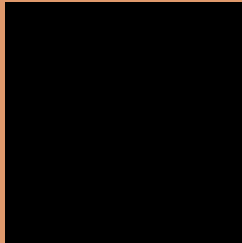
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.231, 58.018

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.231, 58.018.



This preview shows how white text looks on a background with the CIELCh color 69, 40.231, 58.018.

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



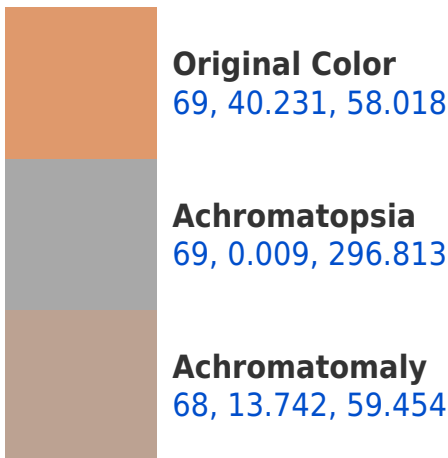


Tritanopia
69, 32.739, 12.373

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.231, 58.018 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(223, 153, 108)` looks like.

```
.text, #text, p{  
    color:rgb(223, 153, 108)  
}
```

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(223, 153, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 153, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.231, 58.018 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(223, 153, 108) }
```

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

```
.border{ border-color:rgb(223, 153, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 153, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 153, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 153, 108);  
box-shadow:4px 4px 4px 4px rgb(223, 153,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.231, 58.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 153, 108) }
```

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

```
.background{ background-color: rgb(223,  
153, 108) }
```

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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