

Converting Colors

CIELCh(68, 40.548, 58.776)

Have a look what the booklet for
CIELCh(68, 40.548, 58.776) contains.

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Color

CIELCh(68, 40.455, 58.816)

Conversions

Conversions Part 1

Format	Color
Hex	DB9668
RGB	219, 150, 104
RGB Percent	86%, 59%, 41%
CMY	0.1403, 0.4110, 0.5914
CMYK	0.00, 0.31, 0.52, 0.14
HSL	24°, 62%, 63%
HSV	24°, 52%, 86%
XYZ	42.7247, 37.9720, 18.2233
YIQ	165.3870, 55.8900, 0.3220

Conversions

Conversions Part 2

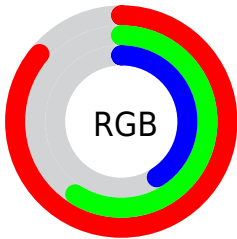
Format	Color
R_{YB}	219, 181, 104
Decimal	14390888
CIE _{Lab}	68.00, 20.95, 34.61
CIE _{LCh}	68, 40.455, 58.816
Yxy	37.9720, 0.4319, 0.3839
Android (android.graphics.Color)	4292580968 (0xFFDB9668)
YUV	165.3870, -30.2638, 47.0186
Hunter-Lab	61.6215, 15.9240, 25.6012

Details

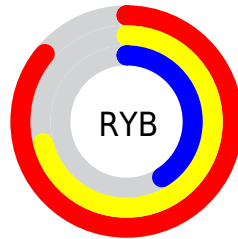
The CIELCh color **68, 40.455, 58.816** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 31.249, 253.231**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 32.966, 68.970**, and **48, 40.362, 58.732** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.599, 57.958**, and if you desaturate by 10%, it is **72, 31.718, 59.708**.

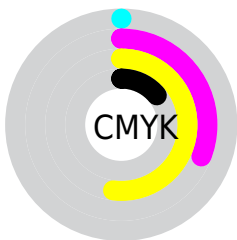
Distribution



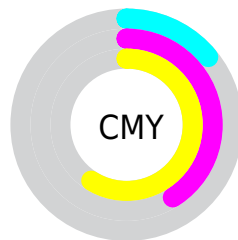
- Red (86%)
- Green (59%)
- Blue (41%)



- Red (86%)
- Yellow (71%)
- Blue (41%)



- Cyan (0%)
- Magenta (31%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 40.455, 58.816 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, 40.455, 58.816 by changing the saturation by 10% instead.

68, 40.455, 58.816

68, 40.455, 58.816

100, 40.455,
58.816

58, 40.455, 58.816

88, 40.455, 58.816

48, 40.455, 58.816

98, 40.455, 58.816

38, 40.455, 58.816

28, 40.455, 58.816

18, 40.455, 58.816

8, 40.455, 58.816

0, 40.455, 58.816

68, 40.455, 58.816

68, 40.455, 58.816

65, 49.599, 57.958

72, 31.718, 59.708

61, 58.927, 57.060

75, 23.471, 60.637

59, 67.926, 55.963

79, 15.724, 61.600

56, 75.598, 54.324

83, 8.454, 62.575

54, 80.136, 52.697

87, 1.622, 63.354

90, 4.817, 244.764

94, 10.026,
239.986

98, 12.056,
198.701

Harmonies

Complementary

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



68, 40.455, 58.816



68, 31.249, 253.231

Rectangle

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



68, 40.455, 58.816



68, 40.455, 108.816



68, 40.455, 238.816



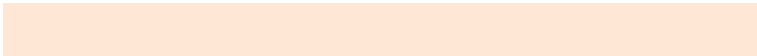
68, 40.455, 288.816

Sweetspot

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



68, 40.454, 58.821



93, 12.401, 62.219



60, 55.197, 343.547



49, 8.428, 62.016



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, 40.454, 58.821



74, 56.706, 57.867



82, 53.033, 100.203



44, 3.812, 62.864



43, 66.928, 53.322



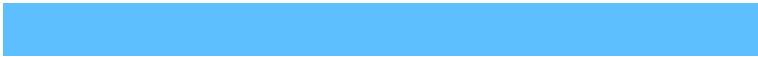
9, 18.704, 48.546

Inverse Universe

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



68, 31.249, 253.231



74, 41.208, 256.721



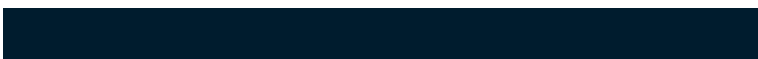
52, 59.788, 294.185



44, 3.672, 245.025



43, 43.963, 272.093



9, 15.483, 261.440

Previews

White Background



This preview shows how the CIELCh color 68, 40.455, 58.816 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 68, 40.455, 58.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

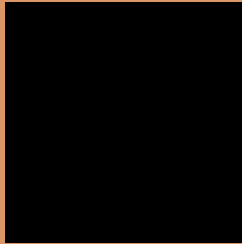
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 40.455, 58.816

Background



This preview shows how black text looks on a background with the CIELCh color 68, 40.455, 58.816.



This preview shows how white text looks on a background with the CIELCh color 68, 40.455, 58.816.

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
68, 32.020, 12.062

Trichromacy



Original Color
68, 40.455, 58.816

Protanomaly
68, 32.261, 79.965

Deuteranomaly
68, 37.521, 69.571

Tritanomaly
68, 32.256, 31.019

Monochromacy



Original Color
68, 40.455, 58.816

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.462, 60.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 40.455, 58.816 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(219, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 104)  
}
```

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(219, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 40.455, 58.816 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(219, 150, 104) }
```

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

```
.border{ border-color:rgb(219, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 40.455, 58.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 104) }
```

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

```
.background{ background-color: rgb(219,  
150, 104) }
```

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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