

Converting Colors

CIELCh(68, 34.405, 75.794)

Have a look what the booklet for
CIELCh(68, 34.405, 75.794) contains.

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Color

CIELCh(68, 34.405, 75.794)

Conversions

Conversions Part 1

Format	Color
Hex	C89F6A
RGB	200, 159, 106
RGB Percent	78%, 62%, 42%
CMY	0.2169, 0.3776, 0.5854
CMYK	0.00, 0.21, 0.47, 0.22
HSL	34°, 46%, 60%
HSV	34°, 47%, 78%
XYZ	38.6755, 37.9720, 18.8538
YIQ	165.2170, 41.4490, -7.7910

Conversions

Conversions Part 2

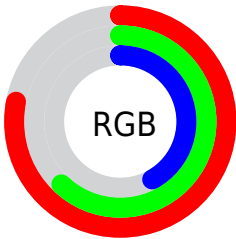
Format	Color
RYB	179, 200, 106
Decimal	13148010
CIELab	68.00, 8.44, 33.35
CIELCh	68, 34.405, 75.794
Yxy	37.9720, 0.4050, 0.3976
Android (android.graphics.Color)	4291338090 (0xFFC89F6A)
YUV	165.2170, -29.1940, 30.5047
Hunter-Lab	61.6215, 4.1945, 24.9945

Details

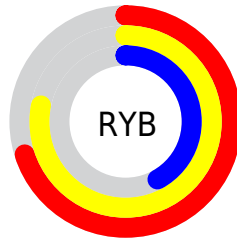
The CIELCh color **68, 34.405, 75.794** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 31.736, 270.710**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 33.717, 78.232**, and **48, 34.685, 76.166** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.302, 74.381**, and if you desaturate by 10%, it is **71, 26.647, 77.173**.

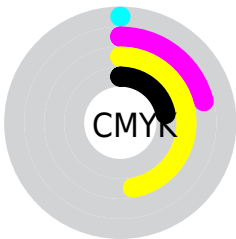
Distribution



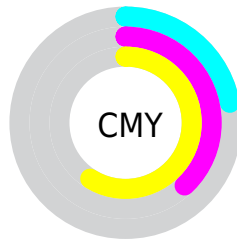
- Red (78%)
- Green (62%)
- Blue (42%)



- Red (70%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 34.405, 75.794 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, 34.405, 75.794 by changing the saturation by 10% instead.

 68, 34.405, 75.794

 68, 34.405, 75.794

 100, 34.405,
75.794

 58, 34.405, 75.794

 88, 34.405, 75.794

 48, 34.405, 75.794

 98, 34.405, 75.794

 38, 34.405, 75.794

 28, 34.405, 75.794

 18, 34.405, 75.794

 8, 34.405, 75.794

 0, 34.405, 75.794

 68, 34.405, 75.794

 68, 34.405, 75.794

 66, 42.302, 74.381

 71, 26.647, 77.173

63, 50.146, 72.886

73, 19.111, 78.514

61, 57.560, 71.228

76, 11.829, 79.821

59, 63.876, 69.238

79, 4.802, 81.065

57, 68.269, 66.665

81, 1.984, 262.536

56, 69.437, 65.900

84, 8.548, 263.615

87, 14.909,
264.755

89, 16.488,
256.522

92, 15.143,
236.716

Harmonies

Complementary

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



68, 34.405, 75.794



60, 31.736, 270.710

Rectangle

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



68, 34.405, 75.794



68, 34.405, 125.794



68, 34.405, 255.794



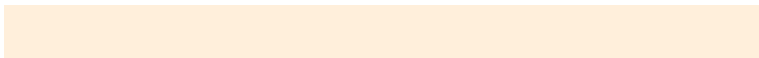
68, 34.405, 305.794

Sweetspot

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



68, 34.405, 75.799



95, 11.782, 80.184



57, 42.702, 351.692



50, 8.167, 79.906



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, 34.405, 75.799



82, 50.621, 74.417



78, 48.517, 108.046



41, 3.866, 80.786



46, 59.681, 66.469



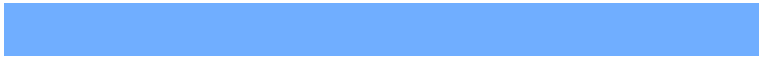
8, 13.111, 65.589

Inverse Universe

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



60, 31.736, 270.710



70, 46.039, 273.489



49, 55.046, 298.174



40, 3.818, 263.308



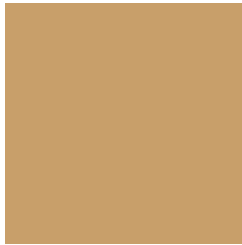
32, 58.003, 289.311



4, 15.056, 275.202

Previews

White Background



This preview shows how the CIELCh color 68, 34.405, 75.794 looks on a white background.

Color Contrast Check

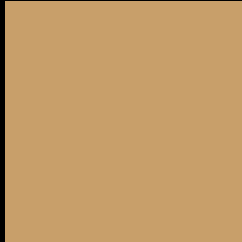
Large Text (above 18pt) WCAG AA × Fail

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, 34.405, 75.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

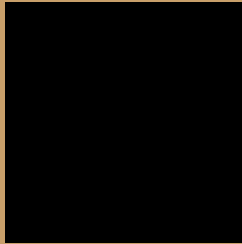
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.405, 75.794

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.405, 75.794.



This preview shows how white text looks on a background with the CIELCh color 68, 34.405, 75.794.

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, 34.405, 75.794

Protanopia

68, 31.519, 95.979

Deuteranopia

68, 34.405, 75.794



Tritanopia
68, 21.570, 5.438

Trichromacy



Original Color
68, 34.405, 75.794

Protanomaly
68, 31.796, 88.013

Deuteranomaly
68, 34.405, 75.794

Tritanomaly
68, 21.327, 38.891

Monochromacy



Original Color
68, 34.405, 75.794

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.548, 80.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.405, 75.794 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(200, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 159, 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(200, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 159, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.405, 75.794 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(200, 159, 106) }
```

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

```
.border{ border-color:rgb(200, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 159,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.405, 75.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 159, 106) }
```

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

```
.background{ background-color: rgb(200,  
159, 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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