

Converting Colors

CIELCh(65, 35.562, 68.001)

Have a look what the booklet for
CIELCh(65, 35.562, 68.001) contains.

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Color

CIELCh(65, 35.559, 68.679)

Conversions

Conversions Part 1

Format	Color
Hex	C69463
RGB	198, 148, 99
RGB Percent	78%, 58%, 39%
CMY	0.2239, 0.4199, 0.6121
CMYK	0.00, 0.25, 0.50, 0.22
HSL	30°, 46%, 58%
HSV	30°, 50%, 78%
XYZ	36.0907, 34.0472, 16.4545
YIQ	157.3640, 45.5290, -4.6390

Conversions

Conversions Part 2

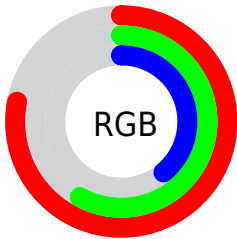
Format	Color
RYB	198, 196, 99
Decimal	13014115
CIELab	65.00, 12.93, 33.13
CIElCh	65, 35.559, 68.679
Yxy	34.0472, 0.4168, 0.3932
Android (android.graphics.Color)	4291204195 (0xFFC69463)
YUV	157.3640, -28.7735, 35.6378
Hunter-Lab	58.3500, 8.2936, 24.1254

Details

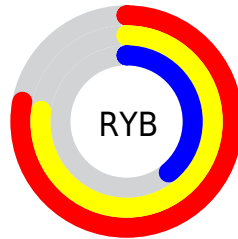
The CIELCh color **65, 35.559, 68.679** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 30.619, 264.300**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 34.865, 69.294**, and **45, 35.682, 68.081** is the 20% darker color. If you saturate the color by 10%, you get **62, 43.553, 67.401**, and if you desaturate by 10%, it is **68, 27.800, 69.940**.

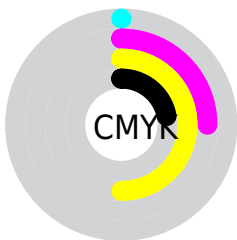
Distribution



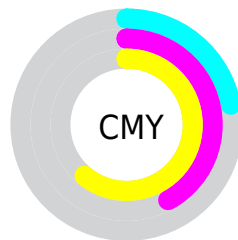
- Red (78%)
- Green (58%)
- Blue (39%)



- Red (78%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 35.559, 68.679 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 65, 35.559, 68.679 by changing the saturation by 10% instead.

65, 35.559, 68.679

65, 35.559, 68.679

100, 35.559,
68.679

55, 35.559, 68.679

85, 35.559, 68.679

45, 35.559, 68.679

95, 35.559, 68.679

35, 35.559, 68.679

25, 35.559, 68.679

15, 35.559, 68.679

5, 35.559, 68.679

0, 35.559, 68.679

65, 35.559, 68.679

65, 35.559, 68.679

62, 43.553, 67.401

68, 27.800, 69.940

60, 51.586, 66.043

71, 20.358, 71.185

57, 59.244, 64.493

74, 13.252, 72.416

55, 65.770, 62.511

77, 6.475, 73.614

53, 70.651, 59.990

80, 0.007, 8.651

83, 6.191, 256.113

86, 12.136,
257.226

89, 16.921,
255.939

92, 15.565,
233.615

Harmonies

Complementary

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



65, 35.559, 68.679



60, 30.619, 264.300

Rectangle

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



65, 35.559, 68.679



65, 35.559, 118.679



65, 35.559, 248.679



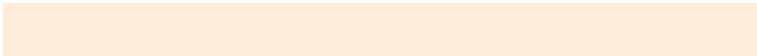
65, 35.559, 298.679

Sweetspot

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



65, 35.559, 68.684



94, 12.061, 72.997



55, 46.435, 347.974



50, 8.271, 72.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 35.559, 68.684



78, 53.574, 67.285



78, 50.187, 104.700



40, 3.675, 73.687



44, 61.052, 60.566



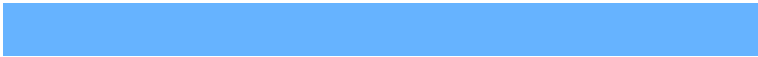
7, 12.951, 56.862

Inverse Universe

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



60, 30.619, 264.300



71, 44.655, 267.641



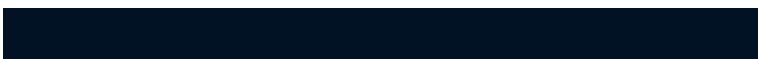
47, 57.398, 296.848



40, 3.594, 256.146



35, 50.735, 283.114



5, 13.939, 269.874

Previews

White Background



This preview shows how the CIELCh color 65, 35.559, 68.679 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 65, 35.559, 68.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

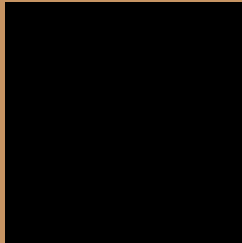
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 35.559, 68.679

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.559, 68.679.



This preview shows how white text looks on a background with the CIELCh color 65, 35.559, 68.679.

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

65, 35.559, 68.679

Protanopia

65, 30.729, 95.546

Deuteranopia

65, 34.516, 76.151



Tritanopia
65, 25.383, 8.367

Trichromacy



Original Color
65, 35.559, 68.679

Protanomaly
65, 31.100, 84.756

Deuteranomaly
65, 35.123, 73.344

Tritanomaly
65, 24.749, 35.622

Monochromacy



Original Color
65, 35.559, 68.679

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.417, 72.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.559, 68.679 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(198, 148, 99)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 99)  
}
```

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(198, 148, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.559, 68.679 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(198, 148, 99) }
```

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

```
.border{ border-color:rgb(198, 148, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 99);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.559, 68.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 99) }
```

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

```
.background{ background-color: rgb(198,  
148, 99) }
```

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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