

Converting Colors

CIELCh(68, 35.614, 35.226)

Have a look what the booklet for
CIELCh(68, 35.614, 35.226) contains.

CIELCh(68, 35.590, 35.617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 35.590, 35.617)

Conversions

Conversions Part 1

Format	Color
Hex	E29182
RGB	226, 145, 130
RGB Percent	89%, 57%, 51%
CMY	0.1142, 0.4318, 0.4906
CMYK	0.00, 0.36, 0.42, 0.11
HSL	9°, 62%, 70%
HSV	9°, 42%, 89%
XYZ	45.4530, 37.9720, 26.0135
YIQ	167.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

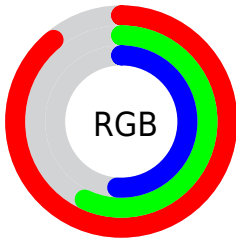
Format	Color
R _Y B	226, 148, 130
Decimal	14848386
CIE Lab	68.00, 28.93, 20.73
CIE LCh	68, 35.590, 35.617
Yxy	37.9720, 0.4153, 0.3470
Android (android.graphics.Color)	4293038466 (0xFFE29182)
YUV	167.5090, -18.4919, 51.2966
Hunter-Lab	61.6215, 23.8269, 18.1058

Details

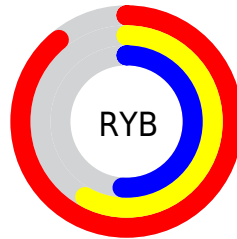
The CIELCh color **68, 35.590, 35.617** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80, 25.851, 215.948**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 23.464, 42.935**, and **48, 35.382, 35.729** is the 20% darker color. If you saturate the color by 10%, you get **63, 45.722, 36.440**, and if you desaturate by 10%, it is **73, 26.113, 35.064**.

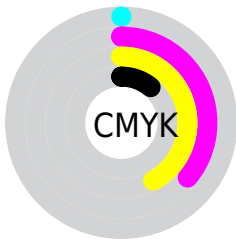
Distribution



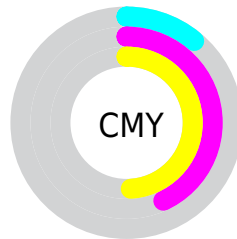
- Red (89%)
- Green (57%)
- Blue (51%)



- Red (89%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 35.590, 35.617 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, 35.590, 35.617 by changing the saturation by 10% instead.

68, 35.590, 35.617

68, 35.590, 35.617

100, 35.590,
35.617

58, 35.590, 35.617

88, 35.590, 35.617

48, 35.590, 35.617

98, 35.590, 35.617

38, 35.590, 35.617

28, 35.590, 35.617

18, 35.590, 35.617

8, 35.590, 35.617

0, 35.590, 35.617

68, 35.590, 35.617

68, 35.590, 35.617

63, 45.722, 36.440

73, 26.113, 35.064

59, 56.400, 37.555

78, 17.332, 34.714

56, 67.364, 38.954

83, 9.231, 34.513

52, 78.064, 40.478

88, 1.767, 34.194

50, 87.277, 41.626

94, 5.116, 214.706

49, 92.421, 42.050

98, 9.886, 198.848

Harmonies

Complementary

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



68, 35.590, 35.617



80, 25.851, 215.948

Rectangle

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



68, 35.590, 35.617



68, 35.590, 85.617



68, 35.590, 215.617



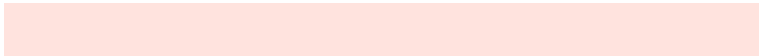
68, 35.590, 265.617

Sweetspot

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



68, 35.588, 35.622



92, 10.624, 34.522



67, 54.916, 331.474



48, 7.504, 34.559



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, 35.588, 35.622



72, 48.800, 36.331



79, 36.021, 84.138



44, 4.120, 34.466



38, 76.321, 42.377



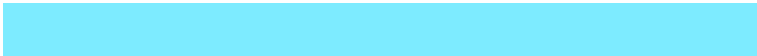
7, 22.968, 29.458

Inverse Universe

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



80, 25.851, 215.948



87, 32.677, 216.708



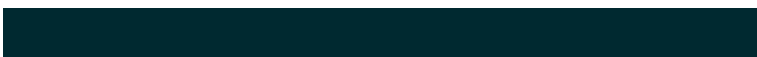
67, 35.433, 277.173



46, 3.878, 214.703



57, 32.972, 225.903



14, 13.633, 220.472

Previews

White Background



This preview shows how the CIELCh color 68, 35.590, 35.617 looks on a white background.

Color Contrast Check

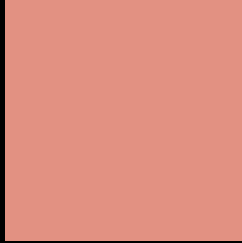
Large Text (above 18pt) WCAG AA × Fail

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, 35.590, 35.617 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, 35.590, 35.617

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.590, 35.617.

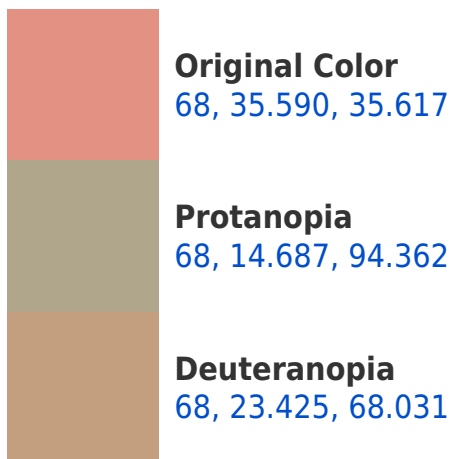


This preview shows how white text looks on a background with the CIELCh color 68, 35.590, 35.617.

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, 34.896, 14.205

Trichromacy



Original Color
68, 35.590, 35.617

Protanomaly
68, 19.021, 59.374

Deuteranomaly
68, 26.581, 52.974

Tritanomaly
68, 34.462, 21.988

Monochromacy



Original Color
68, 35.590, 35.617

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.852, 33.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.590, 35.617 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(226, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(226, 145, 130)  
}
```

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(226, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 145, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.590, 35.617 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(226, 145, 130) }
```

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

```
.border{ border-color:rgb(226, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(226, 145,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.590, 35.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 145, 130) }
```

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

```
.background{ background-color: rgb(226,  
145, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor