

Converting Colors

CIELCh(68, 34.507, 22.850)

Have a look what the booklet for
CIELCh(68, 34.507, 22.850) contains.

CIELCh(68, 34.554, 22.872)	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, 34.554, 22.872)

Conversions

Conversions Part 1

Format	Color
Hex	E38F8F
RGB	227, 143, 143
RGB Percent	89%, 56%, 56%
CMY	0.1097, 0.4391, 0.4391
CMYK	0.00, 0.37, 0.37, 0.11
HSL	0°, 60%, 73%
HSV	0°, 37%, 89%
XYZ	46.4736, 37.9720, 30.8766
YIQ	168.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

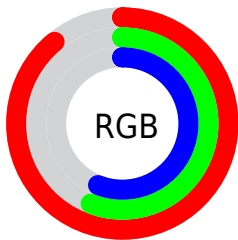
Format	Color
R_{YB}	227, 143, 143
Decimal	14913423
CIE _{Lab}	68.00, 31.84, 13.43
CIE _{LCh}	68, 34.554, 22.872
Yxy	37.9720, 0.4030, 0.3293
Android (android.graphics.Color)	4293103503 (0xFFE38F8F)
YUV	168.1160, -12.3822, 51.6413
Hunter-Lab	61.6215, 26.7835, 13.4266

Details

The CIELCh color **68, 34.554, 22.872** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 26.622, 197.632**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.789, 22.444**, and **48, 34.582, 22.379** is the 20% darker color. If you saturate the color by 10%, you get **63, 45.339, 24.579**, and if you desaturate by 10%, it is **74, 24.309, 21.574**.

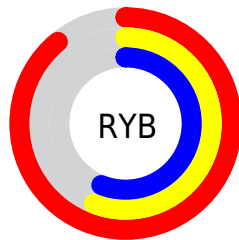
Distribution



Red (89%)

Green (56%)

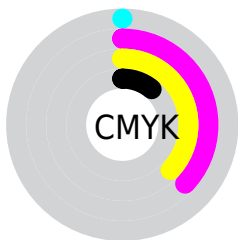
Blue (56%)



Red (89%)

Yellow (56%)

Blue (56%)

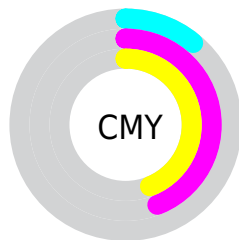


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 34.554, 22.872 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, 34.554, 22.872 by changing the saturation by 10% instead.

68, 34.554, 22.872

68, 34.554, 22.872

100, 34.554,
22.872

58, 34.554, 22.872

88, 34.554, 22.872

48, 34.554, 22.872

98, 34.554, 22.872

38, 34.554, 22.872

28, 34.554, 22.872

18, 34.554, 22.872

8, 34.554, 22.872

0, 34.554, 22.872

68, 34.554, 22.872

68, 34.554, 22.872

63, 45.339, 24.579

74, 24.309, 21.574

■ 58, 56.454, 26.795

■ 80, 14.724, 20.567

■ 54, 67.571, 29.613

■ 86, 5.828, 19.742

■ 51, 78.231, 33.001

■ 92, 2.398, 199.507

■ 49, 87.652, 36.574

■ 98, 9.505, 198.875

■ 48, 94.183, 39.309

■ 47, 95.782, 40.001

Harmonies

Complementary

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



68, 34.554, 22.872



85, 26.622, 197.632

Rectangle

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



68, 34.554, 22.872



68, 34.554, 72.872



68, 34.554, 202.872



68, 34.554, 252.872

Sweetspot

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



68, 34.552, 22.876



92, 10.225, 20.068



71, 53.481, 326.432



48, 6.908, 20.179



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, 34.552, 22.876



71, 46.252, 24.070



78, 28.611, 70.789



45, 4.816, 19.940



37, 79.983, 39.972



6, 27.104, 21.761

Inverse Universe

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



85, 26.622, 197.632



94, 33.597, 197.359



74, 25.753, 261.655



47, 4.537, 198.974



66, 38.343, 196.396



18, 16.090, 196.394

Previews

White Background



This preview shows how the CIELCh color 68, 34.554, 22.872 looks on a white background.

Color Contrast Check

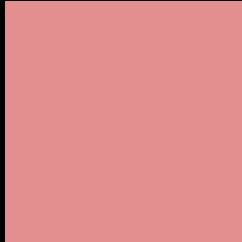
Large Text (above 18pt) WCAG AA × Fail

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, 34.554, 22.872 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, 34.554, 22.872

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.554, 22.872.

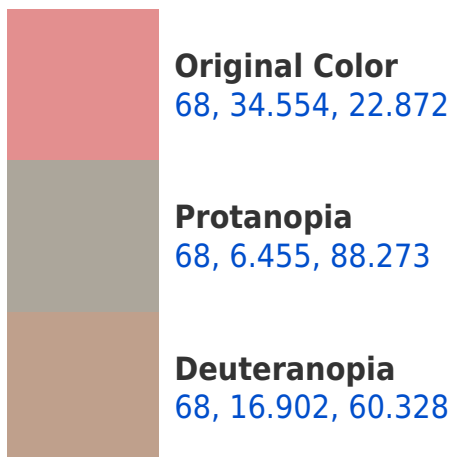


This preview shows how white text looks on a background with the CIELCh color 68, 34.554, 22.872.

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, 34.554, 22.872

Protanomaly
68, 14.195, 36.133

Deuteranomaly
68, 21.959, 39.868

Tritanomaly
68, 34.962, 16.864

Monochromacy



Original Color
68, 34.554, 22.872

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 11.784, 20.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.554, 22.872 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(227, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(227, 143, 143)  
}
```

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(227, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 143, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.554, 22.872 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(227, 143, 143) }
```

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

```
.border{ border-color:rgb(227, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(227, 143,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.554, 22.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 143, 143) }
```

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

```
.background{ background-color: rgb(227,  
143, 143) }
```

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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