

Converting Colors

CIELCh(72, 33.507, 35.049)

Have a look what the booklet for
CIELCh(72, 33.507, 35.049) contains.

CIELCh(72, 33.507, 35.049)	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(72, 33.507, 35.049)

Conversions

Conversions Part 1

Format	Color
Hex	EB9D8F
RGB	235, 157, 143
RGB Percent	92%, 62%, 56%
CMY	0.0792, 0.3850, 0.4399
CMYK	0.00, 0.33, 0.39, 0.08
HSL	9°, 69%, 74%
HSV	9°, 39%, 92%
XYZ	51.1662, 43.6590, 31.6475
YIQ	178.7260, 50.9820, 12.1820

Conversions

Conversions Part 2

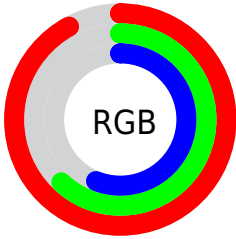
Format	Color
R _Y B	235, 160, 143
Decimal	15441295
CIE Lab	72.00, 27.43, 19.24
CIE LCh	72, 33.507, 35.049
Yxy	43.6590, 0.4046, 0.3452
Android (android.graphics.Color)	4293631375 (0xFFEB9D8F)
YUV	178.7260, -17.6129, 49.3523
Hunter-Lab	66.0750, 22.5930, 17.8548

Details

The CIELCh color **72, 33.507, 35.049** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 25.034, 215.184**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.298, 45.480**, and **52, 33.458, 34.822** is the 20% darker color. If you saturate the color by 10%, you get **67, 43.776, 35.814**, and if you desaturate by 10%, it is **77, 23.933, 34.543**.

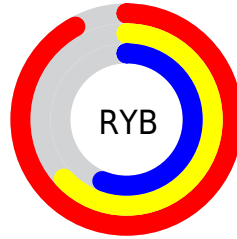
Distribution



Red (92%)

Green (62%)

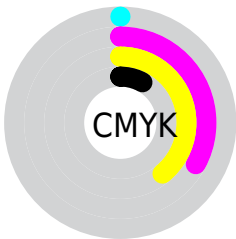
Blue (56%)



Red (92%)

Yellow (63%)

Blue (56%)

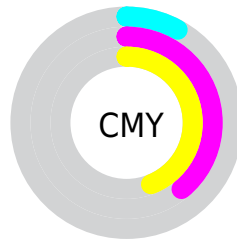


Cyan (0%)

Magenta (33%)

Yellow (39%)

Black (8%)



Cyan (8%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 33.507, 35.049 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 72, 33.507, 35.049 by changing the saturation by 10% instead.

72, 33.507, 35.049

72, 33.507, 35.049

100, 33.507,
35.049

62, 33.507, 35.049

92, 33.507, 35.049

52, 33.507, 35.049

42, 33.507, 35.049

32, 33.507, 35.049

22, 33.507, 35.049

12, 33.507, 35.049

2, 33.507, 35.049

0, 33.507, 35.049

72, 33.507, 35.049

72, 33.507, 35.049

67, 43.776, 35.814

77, 23.933, 34.543

63, 54.656, 36.870

82, 15.079, 34.226

59, 65.933, 38.232

88, 6.917, 34.032

55, 77.158, 39.802

93, 0.602, 215.130

53, 87.342, 41.210

99, 6.918, 199.063

51, 94.799, 41.840

51, 95.350, 41.917

Harmonies

Complementary

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



72, 33.507, 35.049



84, 25.034, 215.184

Rectangle

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



72, 33.507, 35.049



72, 33.507, 85.049



72, 33.507, 215.049



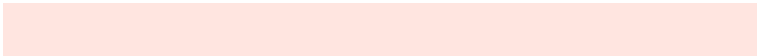
72, 33.507, 265.049

Sweetspot

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



72, 33.505, 35.054



93, 9.794, 34.083



71, 52.461, 331.267



49, 6.532, 34.106



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 33.505, 35.054



73, 44.398, 35.643



83, 34.168, 84.592



46, 4.287, 34.037



39, 78.114, 42.237



9, 25.647, 31.316

Inverse Universe

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



84, 25.034, 215.184



88, 30.858, 215.767



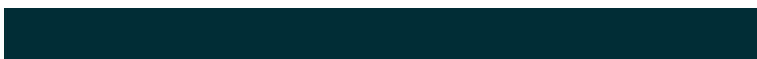
71, 33.627, 276.421



48, 4.033, 214.238



58, 33.694, 225.091



16, 14.520, 220.339

Previews

White Background



This preview shows how the CIELCh color 72, 33.507, 35.049 looks on a white background.

Color Contrast Check

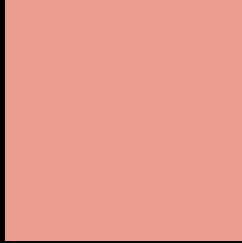
Large Text (above 18pt) WCAG AA × Fail

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 72, 33.507, 35.049 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 72, 33.507, 35.049

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.507, 35.049.

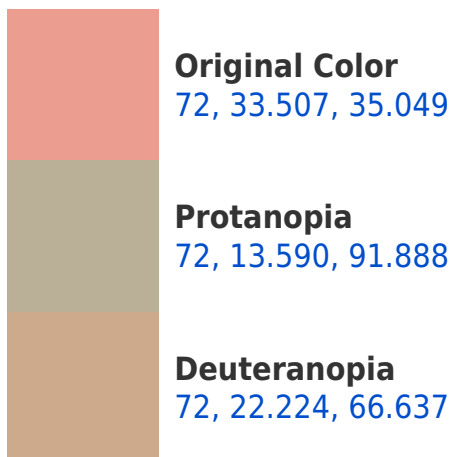


This preview shows how white text looks on a background with the CIELCh color 72, 33.507, 35.049.

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
72, 33.227, 12.529

Trichromacy



Original Color
72, 33.507, 35.049

Protanomaly
72, 17.997, 57.076

Deuteranomaly
72, 25.110, 51.711

Tritanomaly
72, 32.620, 20.644

Monochromacy



Original Color
72, 33.507, 35.049

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 11.277, 34.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.507, 35.049 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(235, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 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(235, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.507, 35.049 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(235, 157, 143) }
```

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

```
.border{ border-color:rgb(235, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.507, 35.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 143) }
```

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

```
.background{ background-color: rgb(235,  
157, 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](#).

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