

Converting Colors

CIELCh(72, 39.506, 51.520)

Have a look what the booklet for
CIELCh(72, 39.506, 51.520) contains.

CIELCh(72, 39.566, 51.512)	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, 39.566, 51.512)

Conversions

Conversions Part 1

Format	Color
Hex	EB9E79
RGB	235, 158, 121
RGB Percent	92%, 62%, 47%
CMY	0.0772, 0.3792, 0.5244
CMYK	0.00, 0.33, 0.48, 0.08
HSL	19°, 74%, 70%
HSV	19°, 48%, 92%
XYZ	50.1142, 43.6590, 23.9650
YIQ	176.8050, 57.7690, 4.8170

Conversions

Conversions Part 2

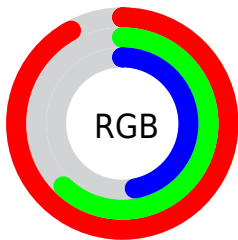
Format	Color
R _Y B	235, 176, 121
Decimal	15441529
CIE Lab	72.00, 24.62, 30.97
CIE LCh	72, 39.566, 51.512
Yxy	43.6590, 0.4256, 0.3708
Android (android.graphics.Color)	4293631609 (0xFFEB9E79)
YUV	176.8050, -27.5119, 51.0370
Hunter-Lab	66.0750, 19.7510, 24.7483

Details

The CIELCh color **72, 39.566, 51.512** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 29.270, 241.451**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 26.458, 69.491**, and **52, 39.400, 51.370** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.482, 51.139**, and if you desaturate by 10%, it is **76, 30.238, 51.994**.

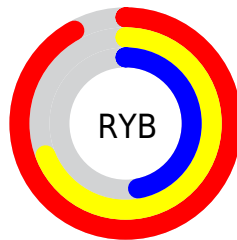
Distribution



Red (92%)

Green (62%)

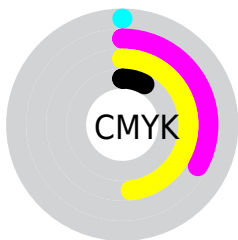
Blue (47%)



Red (92%)

Yellow (69%)

Blue (47%)

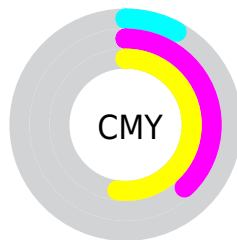


Cyan (0%)

Magenta (33%)

Yellow (48%)

Black (8%)



Cyan (8%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 39.566, 51.512 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, 39.566, 51.512 by changing the saturation by 10% instead.

72, 39.566, 51.512

72, 39.566, 51.512

100, 39.566,
51.512

62, 39.566, 51.512

92, 39.566, 51.512

52, 39.566, 51.512

42, 39.566, 51.512

32, 39.566, 51.512

22, 39.566, 51.512

12, 39.566, 51.512

2, 39.566, 51.512

0, 39.566, 51.512

72, 39.566, 51.512

72, 39.566, 51.512

68, 49.482, 51.139

76, 30.238, 51.994

64, 59.837, 50.830

80, 21.540, 52.566

61, 70.243, 50.478

85, 13.457, 53.210

58, 79.833, 49.792

89, 5.945, 53.878

55, 87.242, 48.326

94, 1.049, 235.264

55, 88.297, 48.127

98, 6.307, 205.328

99, 6.741, 199.077

Harmonies

Complementary

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



72, 39.566, 51.512



76, 29.270, 241.451

Rectangle

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



72, 39.566, 51.512



72, 39.566, 101.512



72, 39.566, 231.512



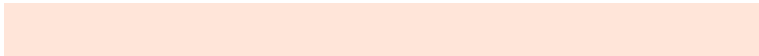
72, 39.566, 281.512

Sweetspot

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



72, 39.565, 51.517



93, 11.522, 53.439



66, 57.329, 338.857



48, 7.923, 53.296



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, 39.565, 51.517



73, 52.355, 51.146



86, 48.533, 95.676



47, 3.995, 53.814



43, 72.105, 48.714



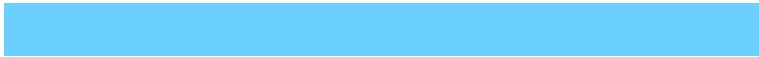
10, 23.266, 43.519

Inverse Universe

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



76, 29.270, 241.451



79, 35.998, 243.974



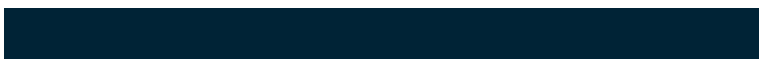
61, 52.385, 289.372



47, 3.808, 235.511



49, 39.418, 260.480



13, 15.664, 251.655

Previews

White Background



This preview shows how the CIELCh color 72, 39.566, 51.512 looks on a white background.

Color Contrast Check

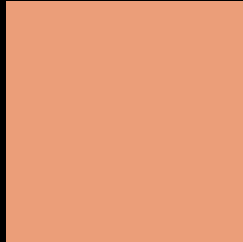
Large Text (above 18pt) WCAG AA × Fail

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 72, 39.566, 51.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

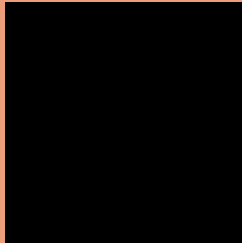
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.566, 51.512

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.566, 51.512.

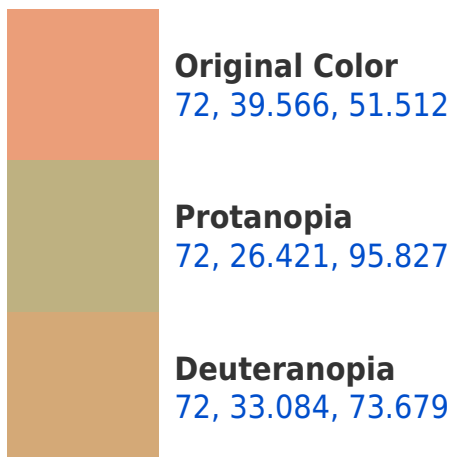


This preview shows how white text looks on a background with the CIELCh color 72, 39.566, 51.512.

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, 34.450, 13.043

Trichromacy



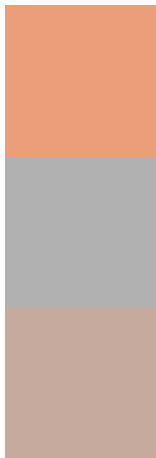
Original Color
72, 39.566, 51.512

Protanomaly
72, 28.514, 75.575

Deuteranomaly
72, 34.509, 64.624

Tritanomaly
72, 34.432, 28.720

Monochromacy



Original Color
72, 39.566, 51.512

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.230, 52.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.566, 51.512 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, 158, 121)` looks like.

```
.text, #text, p{  
    color:rgb(235, 158, 121)  
}
```

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, 158, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 158, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.566, 51.512 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, 158, 121) }
```

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

```
.border{ border-color:rgb(235, 158, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 158, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 158, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 158, 121);  
box-shadow:4px 4px 4px 4px rgb(235, 158,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.566, 51.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 158, 121) }
```

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

```
.background{ background-color: rgb(235,  
158, 121) }
```

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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