

Converting Colors

CIELCh(72, 32.419, 57.989)

Have a look what the booklet for
CIELCh(72, 32.419, 57.989) contains.

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Color

CIELCh(72, 32.668, 58.117)

Conversions

Conversions Part 1

Format	Color
Hex	DFA47F
RGB	223, 164, 127
RGB Percent	87%, 64%, 50%
CMY	0.1264, 0.3576, 0.5027
CMYK	0.00, 0.26, 0.43, 0.13
HSL	23°, 60%, 69%
HSV	23°, 43%, 87%
XYZ	47.4211, 43.6590, 25.9403
YIQ	177.4230, 47.0410, 1.0010

Conversions

Conversions Part 2

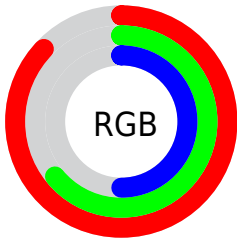
Format	Color
R _Y B	223, 187, 127
Decimal	14656639
CIE Lab	72.00, 17.25, 27.74
CIE LCh	72, 32.668, 58.117
Yxy	43.6590, 0.4052, 0.3731
Android (android.graphics.Color)	4292846719 (0xFFDFA47F)
YUV	177.4230, -24.8585, 39.9710
Hunter-Lab	66.0750, 12.4759, 22.9759

Details

The CIELCh color **72, 32.668, 58.117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 26.281, 248.836**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.804, 73.785**, and **52, 32.993, 58.133** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.600, 57.315**, and if you desaturate by 10%, it is **76, 24.250, 58.981**.

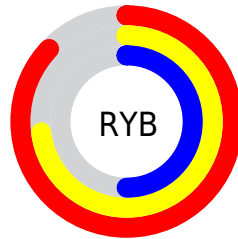
Distribution



Red (87%)

Green (64%)

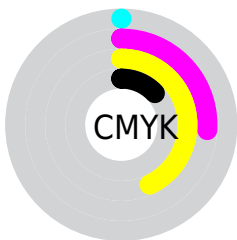
Blue (50%)



Red (87%)

Yellow (73%)

Blue (50%)

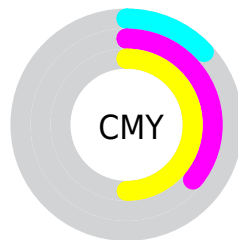


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 32.668, 58.117 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, 32.668, 58.117 by changing the saturation by 10% instead.

 72, 32.668, 58.117

 72, 32.668, 58.117

 100, 32.668,
58.117

 62, 32.668, 58.117

 92, 32.668, 58.117

 52, 32.668, 58.117

 42, 32.668, 58.117

 32, 32.668, 58.117

 22, 32.668, 58.117

 12, 32.668, 58.117

 2, 32.668, 58.117

 0, 32.668, 58.117

 72, 32.668, 58.117

 72, 32.668, 58.117

68, 41.600, 57.315

76, 24.250, 58.981

65, 50.964, 56.543

80, 16.359, 59.884

62, 60.520, 55.741

84, 8.969, 60.808

59, 69.726, 54.736

88, 2.041, 61.592

56, 77.522, 53.159

92, 4.472, 242.923

54, 81.796, 51.725

95, 9.009, 230.174

98, 10.899,
198.779

Harmonies

Complementary

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



72, 32.668, 58.117



73, 26.281, 248.836

Rectangle

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



72, 32.668, 58.117



72, 32.668, 108.117



72, 32.668, 238.117



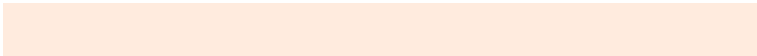
72, 32.668, 288.117

Sweetspot

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



72, 32.667, 58.123



94, 9.948, 60.806



65, 47.120, 341.582



49, 7.012, 60.601



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, 32.667, 58.123



78, 45.373, 57.369



84, 43.932, 100.288



45, 3.871, 61.136



43, 68.214, 52.334



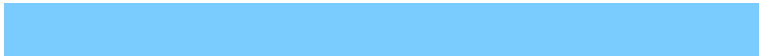
10, 20.110, 47.815

Inverse Universe

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



73, 26.281, 248.836



79, 34.543, 251.215



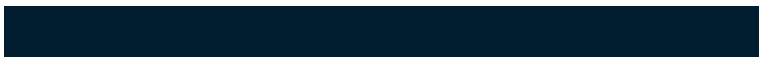
60, 47.857, 291.422



45, 3.721, 243.225



44, 43.210, 270.095



10, 15.784, 260.044

Previews

White Background



This preview shows how the CIELCh color 72, 32.668, 58.117 looks on a white background.

Color Contrast Check

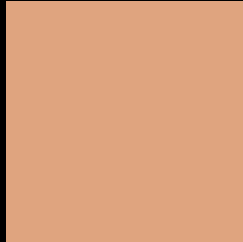
Large Text (above 18pt) WCAG AA × Fail

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, 32.668, 58.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

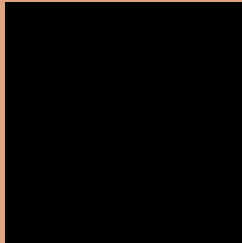
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 32.668, 58.117

Background



This preview shows how black text looks on a background with the CIELCh color 72, 32.668, 58.117.



This preview shows how white text looks on a background with the CIELCh color 72, 32.668, 58.117.

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

72, 32.668, 58.117

Protanopia

72, 24.766, 96.234

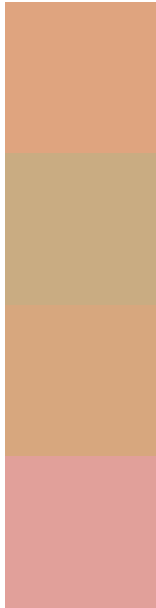
Deuteranopia

72, 29.365, 71.639



Tritanopia
72, 27.651, 8.643

Trichromacy



Original Color
72, 32.668, 58.117

Protanomaly
72, 25.916, 80.004

Deuteranomaly
72, 30.566, 66.199

Tritanomaly
72, 26.618, 28.658

Monochromacy



Original Color
72, 32.668, 58.117

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.213, 58.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 32.668, 58.117 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(223, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(223, 164, 127)  
}
```

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(223, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 164, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 32.668, 58.117 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(223, 164, 127) }
```

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

```
.border{ border-color:rgb(223, 164, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 164, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 164, 127); box-shadow:4px 4px 4px 4px rgb(223, 164, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 32.668, 58.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 164, 127) }
```

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

```
.background{ background-color: rgb(223,  
164, 127) }
```

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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