

Converting Colors

CIELCh(72, 33.157, 52.322)

Have a look what the booklet for
CIELCh(72, 33.157, 52.322) contains.

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Color

CIELCh(72, 33.107, 52.331)

Conversions

Conversions Part 1

Format	Color
Hex	E3A282
RGB	227, 162, 130
RGB Percent	89%, 64%, 51%
CMY	0.1108, 0.3656, 0.4910
CMYK	0.00, 0.29, 0.43, 0.11
HSL	20°, 63%, 70%
HSV	20°, 43%, 89%
XYZ	48.4971, 43.6590, 26.9147
YIQ	177.7870, 49.0120, 3.8280

Conversions

Conversions Part 2

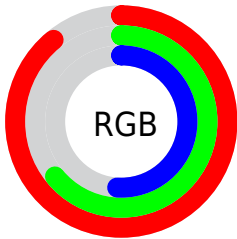
Format	Color
R_{YB}	227, 178, 130
Decimal	14918274
CIE _{Lab}	72.00, 20.23, 26.21
CIE _{LCh}	72, 33.107, 52.331
Yxy	43.6590, 0.4073, 0.3667
Android (android.graphics.Color)	4293108354 (0xFFE3A282)
YUV	177.7870, -23.5590, 43.1598
Hunter-Lab	66.0750, 15.3825, 22.1015

Details

The CIELCh color **72, 33.107, 52.331** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 25.632, 240.969**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.216, 68.938**, and **52, 33.107, 52.612** is the 20% darker color. If you saturate the color by 10%, you get **68, 42.382, 51.866**, and if you desaturate by 10%, it is **76, 24.427, 52.900**.

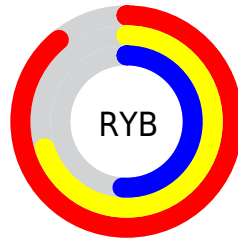
Distribution



Red (89%)

Green (64%)

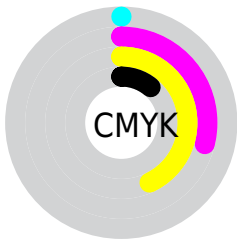
Blue (51%)



Red (89%)

Yellow (70%)

Blue (51%)

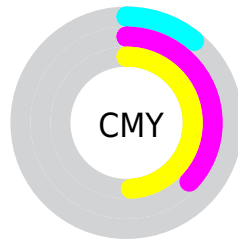


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 33.107, 52.331 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, 33.107, 52.331 by changing the saturation by 10% instead.

 72, 33.107, 52.331

 72, 33.107, 52.331

 100, 33.107,
52.331

 62, 33.107, 52.331

 92, 33.107, 52.331

 52, 33.107, 52.331

 42, 33.107, 52.331

 32, 33.107, 52.331

 22, 33.107, 52.331

 12, 33.107, 52.331

 2, 33.107, 52.331

 0, 33.107, 52.331

 72, 33.107, 52.331

 72, 33.107, 52.331

68, 42.382, 51.866

76, 24.427, 52.900

64, 52.179, 51.484

80, 16.347, 53.544

61, 62.276, 51.131

85, 8.835, 54.236

58, 72.140, 50.639

89, 1.842, 54.772

55, 80.667, 49.612

93, 4.683, 235.975

53, 85.539, 48.480

98, 8.934, 205.697

98, 9.595, 198.868

Harmonies

Complementary

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



72, 33.107, 52.331



76, 25.632, 240.969

Rectangle

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



72, 33.107, 52.331



72, 33.107, 102.331



72, 33.107, 232.331



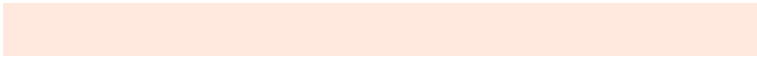
72, 33.107, 282.331

Sweetspot

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



72, 33.106, 52.336



94, 9.909, 54.213



67, 49.548, 338.306



49, 6.990, 54.058



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, 33.106, 52.336



76, 44.825, 51.928



84, 41.692, 96.382



45, 3.850, 54.464



42, 70.331, 49.073



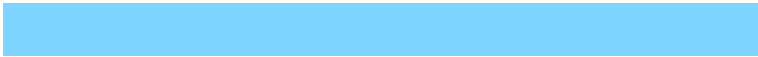
9, 20.642, 42.429

Inverse Universe

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



76, 25.632, 240.969



81, 32.636, 242.911



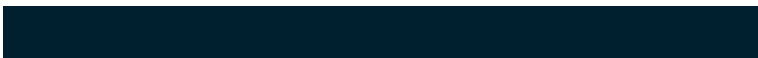
63, 44.401, 288.079



45, 3.673, 236.194



47, 38.910, 261.293



11, 14.682, 251.371

Previews

White Background



This preview shows how the CIELCh color 72, 33.107, 52.331 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, 33.107, 52.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

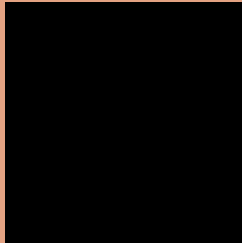
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 33.107, 52.331

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.107, 52.331.

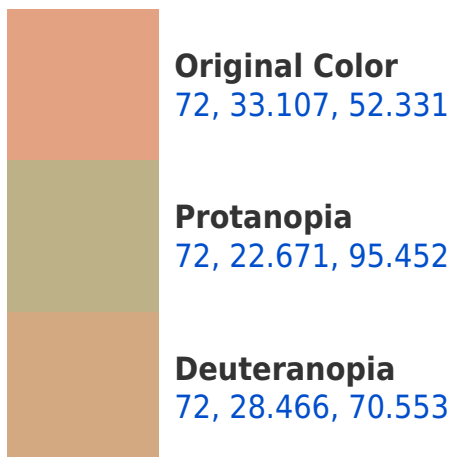


This preview shows how white text looks on a background with the CIELCh color 72, 33.107, 52.331.

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](#).

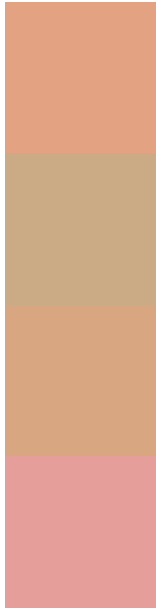
Dichromacy





Tritanopia
72, 29.656, 9.809

Trichromacy



Original Color
72, 33.107, 52.331

Protanomaly
72, 24.246, 74.873

Deuteranomaly
72, 29.565, 62.599

Tritanomaly
72, 28.922, 26.252

Monochromacy



Original Color
72, 33.107, 52.331

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 11.518, 54.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.107, 52.331 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, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 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(227, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.107, 52.331 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, 162, 130) }
```

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

```
.border{ border-color:rgb(227, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.107, 52.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 130) }
```

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

```
.background{ background-color: rgb(227,  
162, 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](#).

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