

Converting Colors

CIELCh(71, 33.527, 57.290)

Have a look what the booklet for
CIELCh(71, 33.527, 57.290) contains.

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Color

CIELCh(71, 33.545, 58.256)

Conversions

Conversions Part 1

Format	Color
Hex	DDA17B
RGB	221, 161, 123
RGB Percent	87%, 63%, 48%
CMY	0.1342, 0.3694, 0.5184
CMYK	0.00, 0.27, 0.44, 0.13
HSL	23°, 59%, 67%
HSV	23°, 44%, 87%
XYZ	46.0300, 42.1875, 24.3955
YIQ	174.6080, 47.9580, 0.9020

Conversions

Conversions Part 2

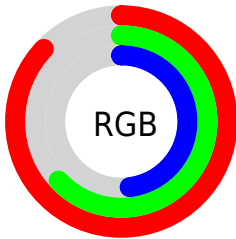
Format	Color
R_{YB}	221, 185, 123
Decimal	14524795
CIE _{Lab}	71.00, 17.65, 28.53
CIE _{LCh}	71, 33.545, 58.256
Yxy	42.1875, 0.4087, 0.3746
Android (android.graphics.Color)	4292714875 (0xFFDDA17B)
YUV	174.6080, -25.4427, 40.6858
Hunter-Lab	64.9519, 12.8334, 23.1974

Details

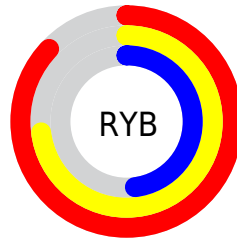
The CIELCh color **71, 33.545, 58.256** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 26.837, 249.454**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 26.038, 72.181**, and **51, 33.579, 57.601** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.465, 57.447**, and if you desaturate by 10%, it is **75, 25.126, 59.124**.

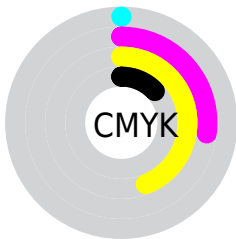
Distribution



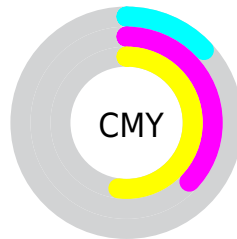
- Red (87%)
- Green (63%)
- Blue (48%)



- Red (87%)
- Yellow (73%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 33.545, 58.256 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 71, 33.545, 58.256 by changing the saturation by 10% instead.

 71, 33.545, 58.256

 71, 33.545, 58.256

 100, 33.545,
58.256

 61, 33.545, 58.256

 91, 33.545, 58.256

 51, 33.545, 58.256

 41, 33.545, 58.256

 31, 33.545, 58.256

 21, 33.545, 58.256

 11, 33.545, 58.256

 1, 33.545, 58.256

 0, 33.545, 58.256

 71, 33.545, 58.256

 71, 33.545, 58.256

67, 42.465, 57.447

75, 25.126, 59.124

64, 51.789, 56.661

78, 17.229, 60.032

61, 61.253, 55.829

82, 9.831, 60.964

58, 70.263, 54.759

86, 2.894, 61.821

55, 77.703, 53.056

90, 3.627, 243.109

54, 81.126, 51.894

94, 9.679, 243.337

98, 11.546,
198.735

Harmonies

Complementary

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



71, 33.545, 58.256



72, 26.837, 249.454

Rectangle

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



71, 33.545, 58.256



71, 33.545, 108.256



71, 33.545, 238.256



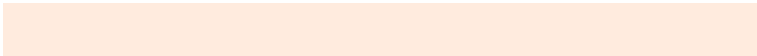
71, 33.545, 288.256

Sweetspot

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



71, 33.544, 58.261



94, 9.953, 61.082



64, 48.108, 341.719



49, 7.015, 60.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 33.544, 58.261



77, 46.383, 57.522



83, 44.876, 100.148



44, 3.800, 61.417



43, 67.370, 52.526



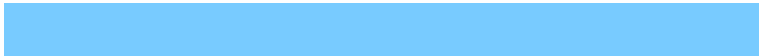
9, 18.795, 47.256

Inverse Universe

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



72, 26.837, 249.454



78, 35.185, 251.827



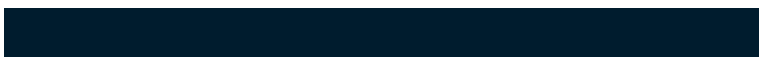
59, 49.059, 291.685



44, 3.654, 243.514



43, 42.908, 270.373



9, 15.213, 259.685

Previews

White Background



This preview shows how the CIELCh color 71, 33.545, 58.256 looks on a white background.

Color Contrast Check

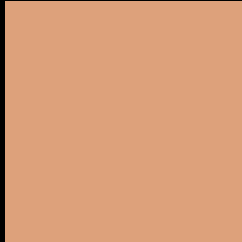
Large Text (above 18pt) WCAG AA × Fail

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 71, 33.545, 58.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

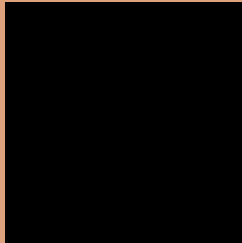
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 33.545, 58.256

Background



This preview shows how black text looks on a background with the CIELCh color 71, 33.545, 58.256.

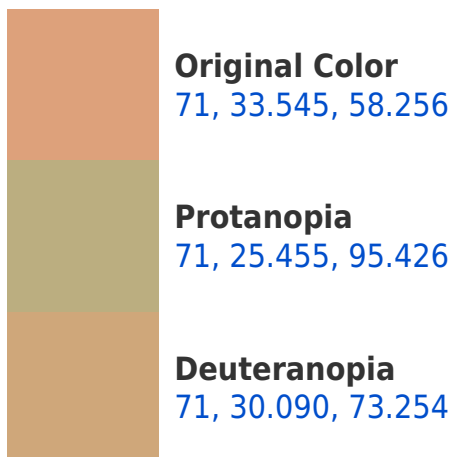


This preview shows how white text looks on a background with the CIELCh color 71, 33.545, 58.256.

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](#).

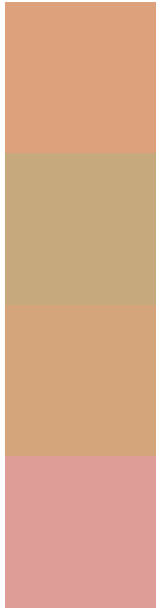
Dichromacy





Tritanopia
71, 28.133, 8.936

Trichromacy



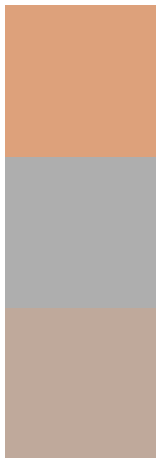
Original Color
71, 33.545, 58.256

Protanomaly
71, 26.706, 79.589

Deuteranomaly
71, 31.214, 67.849

Tritanomaly
71, 27.143, 28.622

Monochromacy



Original Color
71, 33.545, 58.256

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.623, 60.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 33.545, 58.256 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(221, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 161, 123)  
}
```

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(221, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 161, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 33.545, 58.256 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(221, 161, 123) }
```

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

```
.border{ border-color:rgb(221, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 161,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 33.545, 58.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 161, 123) }
```

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

```
.background{ background-color: rgb(221,  
161, 123) }
```

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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