

Converting Colors

CIELCh(76, 32.551, 68.123)

Have a look what the booklet for
CIELCh(76, 32.551, 68.123) contains.

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Color

CIELCh(76, 32.555, 68.562)

Conversions

Conversions Part 1

Format	Color
Hex	E3B284
RGB	227, 178, 132
RGB Percent	89%, 70%, 52%
CMY	0.1095, 0.3016, 0.4820
CMYK	0.00, 0.22, 0.42, 0.11
HSL	29°, 63%, 70%
HSV	29°, 42%, 89%
XYZ	51.8139, 49.8872, 28.7563
YIQ	187.4070, 43.9700, -3.9180

Conversions

Conversions Part 2

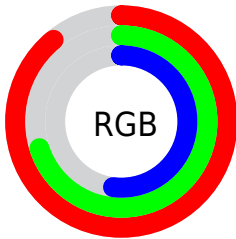
Format	Color
R_{YB}	227, 221, 132
Decimal	14922372
CIE _{Lab}	76.00, 11.90, 30.30
CIE _{LCh}	76, 32.555, 68.562
Yxy	49.8872, 0.3972, 0.3824
Android (android.graphics.Color)	4293112452 (0xFFE3B284)
YUV	187.4070, -27.3157, 34.7231
Hunter-Lab	70.6309, 7.3412, 25.3026

Details

The CIELCh color **76, 32.555, 68.562** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 28.503, 261.018**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 26.427, 90.204**, and **56, 32.553, 67.898** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.315, 67.328**, and if you desaturate by 10%, it is **79, 24.158, 69.799**.

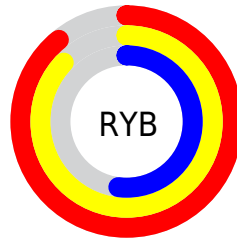
Distribution



Red (89%)

Green (70%)

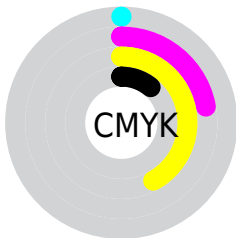
Blue (52%)



Red (89%)

Yellow (87%)

Blue (52%)

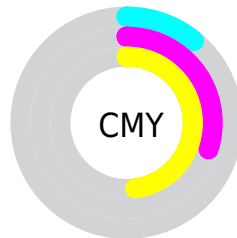


Cyan (0%)

Magenta (22%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (30%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.555, 68.562 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 76, 32.555, 68.562 by changing the saturation by 10% instead.

 76, 32.555, 68.562

 76, 32.555, 68.562

 100, 32.555,
68.562

 66, 32.555, 68.562

 96, 32.555, 68.562

 56, 32.555, 68.562

 46, 32.555, 68.562

 36, 32.555, 68.562

 26, 32.555, 68.562

 16, 32.555, 68.562

 6, 32.555, 68.562

 0, 32.555, 68.562

 76, 32.555, 68.562

 76, 32.555, 68.562

73, 41.315, 67.328

79, 24.158, 69.799

70, 50.330, 66.060

83, 16.156, 71.022

67, 59.338, 64.701

86, 8.541, 72.222

64, 67.789, 63.103

90, 1.288, 73.151

61, 74.719, 60.976

93, 5.636, 254.731

59, 78.857, 58.767

96, 7.916, 224.561

98, 9.484, 198.876

Harmonies

Complementary

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



76, 32.555, 68.562



72, 28.503, 261.018

Rectangle

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



76, 32.555, 68.562



76, 32.555, 118.562



76, 32.555, 248.562



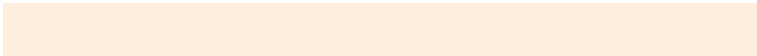
76, 32.555, 298.562

Sweetspot

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



76, 32.555, 68.568



95, 10.337, 72.075



67, 43.823, 346.914



50, 7.273, 71.811



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 32.555, 68.568



81, 43.626, 67.517



88, 47.465, 105.414



46, 4.109, 72.497



47, 65.626, 59.416



12, 20.928, 58.884

Inverse Universe

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



72, 28.503, 261.018



76, 37.079, 263.278



59, 52.820, 295.311



46, 4.009, 254.974



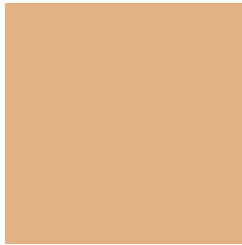
39, 53.406, 282.354



9, 19.252, 273.523

Previews

White Background



This preview shows how the CIELCh color 76, 32.555, 68.562 looks on a white background.

Color Contrast Check

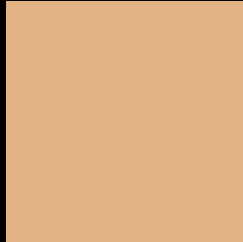
Large Text (above 18pt) WCAG AA × Fail

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 76, 32.555, 68.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

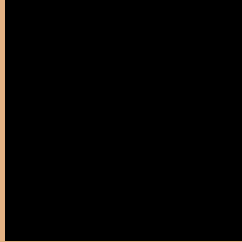
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.555, 68.562

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.555, 68.562.



This preview shows how white text looks on a background with the CIELCh color 76, 32.555, 68.562.

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

76, 32.555, 68.562

Protanopia

76, 27.895, 94.805

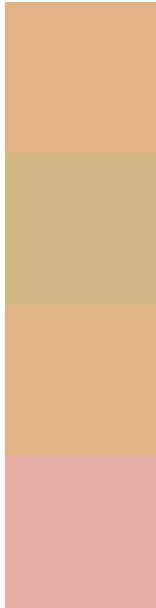
Deuteranopia

76, 31.734, 73.071



Tritanopia
76, 24.323, 5.107

Trichromacy



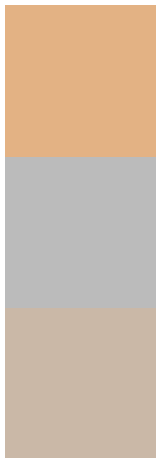
Original Color
76, 32.555, 68.562

Protanomaly
76, 28.597, 84.616

Deuteranomaly
76, 31.847, 71.375

Tritanomaly
76, 22.940, 33.211

Monochromacy



Original Color
76, 32.555, 68.562

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.530, 71.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.555, 68.562 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, 178, 132)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 132)  
}
```

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, 178, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.555, 68.562 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, 178, 132) }
```

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

```
.border{ border-color:rgb(227, 178, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 178, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 132);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.555, 68.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 132) }
```

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

```
.background{ background-color: rgb(227,  
178, 132) }
```

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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