

Converting Colors

CIELCh(76, 27.445, 30.035)

Have a look what the booklet for
CIELCh(76, 27.445, 30.035) contains.

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Color

CIELCh(76, 27.328, 30.548)

Conversions

Conversions Part 1

Format	Color
Hex	EEABA3
RGB	238, 171, 163
RGB Percent	93%, 67%, 64%
CMY	0.0671, 0.3298, 0.3612
CMYK	0.00, 0.28, 0.32, 0.07
HSL	6°, 69%, 79%
HSV	6°, 32%, 93%
XYZ	56.3696, 49.8872, 41.2624
YIQ	190.1210, 42.5000, 11.7160

Conversions

Conversions Part 2

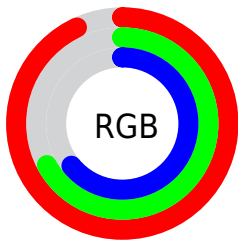
Format	Color
R _Y B	238, 172, 163
Decimal	15641507
CIE Lab	76.00, 23.53, 13.89
CIE LCh	76, 27.328, 30.548
Yxy	49.8872, 0.3821, 0.3382
Android (android.graphics.Color)	4293831587 (0xFFEEABA3)
YUV	190.1210, -13.3707, 41.9899
Hunter-Lab	70.6309, 18.8545, 14.8046

Details

The CIELCh color **76, 27.328, 30.548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 21.763, 209.217**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.357, 43.998**, and **56, 27.274, 30.610** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.474, 31.410**, and if you desaturate by 10%, it is **82, 17.898, 29.943**.

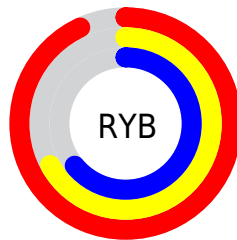
Distribution



Red (93%)

Green (67%)

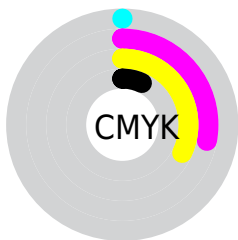
Blue (64%)



Red (93%)

Yellow (67%)

Blue (64%)

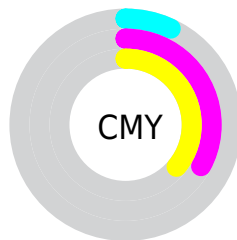


Cyan (0%)

Magenta (28%)

Yellow (32%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 27.328, 30.548 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, 27.328, 30.548 by changing the saturation by 10% instead.

76, 27.328, 30.548

76, 27.328, 30.548

100, 27.328,
30.548

66, 27.328, 30.548

96, 27.328, 30.548

56, 27.328, 30.548

46, 27.328, 30.548

36, 27.328, 30.548

26, 27.328, 30.548

16, 27.328, 30.548

6, 27.328, 30.548

0, 27.328, 30.548

76, 27.328, 30.548

76, 27.328, 30.548

71, 37.474, 31.410

82, 17.898, 29.943

66, 48.281, 32.582

87, 9.189, 29.506

61, 59.596, 34.126

93, 1.165, 28.775

57, 71.126, 36.052

99, 5.877, 199.146

54, 82.306, 38.217

52, 91.900, 40.104

51, 97.556, 41.060

Harmonies

Complementary

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



76, 27.328, 30.548



87, 21.763, 209.217

Rectangle

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



76, 27.328, 30.548



76, 27.328, 80.548



76, 27.328, 210.548



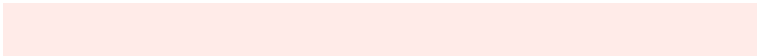
76, 27.328, 260.548

Sweetspot

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



76, 27.326, 30.554



94, 7.515, 29.410



76, 44.429, 329.119



50, 5.254, 29.467



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, 27.326, 30.554



77, 35.799, 31.089



85, 26.538, 81.255



47, 4.521, 29.428



39, 80.045, 41.297



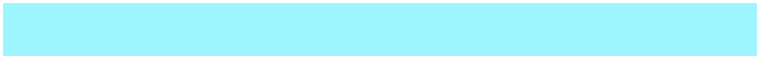
9, 27.670, 29.713

Inverse Universe

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



87, 21.763, 209.217



92, 26.960, 209.354



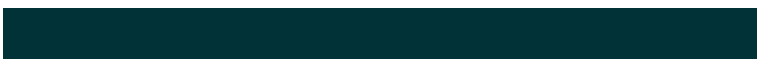
77, 25.597, 270.534



49, 4.250, 209.239



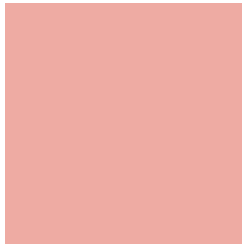
62, 34.706, 215.543



18, 15.323, 212.569

Previews

White Background



This preview shows how the CIELCh color 76, 27.328, 30.548 looks on a white background.

Color Contrast Check

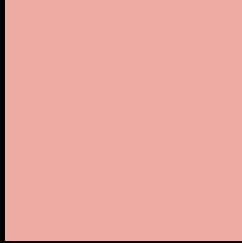
Large Text (above 18pt) WCAG AA × Fail

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 76, 27.328, 30.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

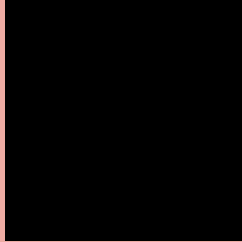
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 27.328, 30.548

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.328, 30.548.



This preview shows how white text looks on a background with the CIELCh color 76, 27.328, 30.548.

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, 27.328, 30.548

Protanopia

76, 9.101, 89.575

Deuteranopia

76, 17.392, 57.985



Tritanopia
76, 28.563, 8.094

Trichromacy



Original Color
76, 27.328, 30.548

Protanomaly
76, 13.735, 50.524

Deuteranomaly
76, 20.206, 43.990

Tritanomaly
76, 27.533, 16.371

Monochromacy



Original Color
76, 27.328, 30.548

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.313, 29.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.328, 30.548 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(238, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 163)  
}
```

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(238, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.328, 30.548 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(238, 171, 163) }
```

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

```
.border{ border-color:rgb(238, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(238, 171,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.328, 30.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 163) }
```

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

```
.background{ background-color: rgb(238,  
171, 163) }
```

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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