

Converting Colors

CIELCh(76, 36.446, 66.365)

Have a look what the booklet for
CIELCh(76, 36.446, 66.365) contains.

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Color

CIELCh(76, 36.709, 66.328)

Conversions

Conversions Part 1

Format	Color
Hex	E9B07E
RGB	233, 176, 126
RGB Percent	91%, 69%, 49%
CMY	0.0862, 0.3097, 0.5058
CMYK	0.00, 0.24, 0.46, 0.09
HSL	28°, 71%, 70%
HSV	28°, 46%, 91%
XYZ	52.9022, 49.8872, 26.5830
YIQ	187.3430, 50.0220, -3.4660

Conversions

Conversions Part 2

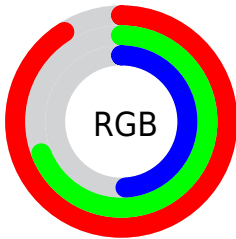
Format	Color
R _Y B	233, 220, 126
Decimal	15315070
CIE Lab	76.00, 14.74, 33.62
CIE LCh	76, 36.709, 66.328
Yxy	49.8872, 0.4089, 0.3856
Android (android.graphics.Color)	4293505150 (0xFFE9B07E)
YUV	187.3430, -30.2421, 40.0412
Hunter-Lab	70.6309, 10.0917, 27.1269

Details

The CIELCh color **76, 36.709, 66.328** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 31.199, 260.094**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.676, 89.688**, and **56, 36.734, 65.921** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.827, 65.144**, and if you desaturate by 10%, it is **79, 27.963, 67.518**.

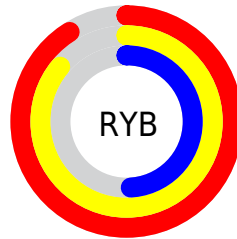
Distribution



Red (91%)

Green (69%)

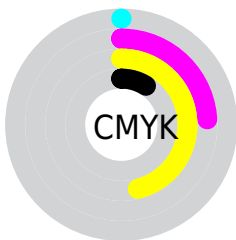
Blue (49%)



Red (91%)

Yellow (86%)

Blue (49%)

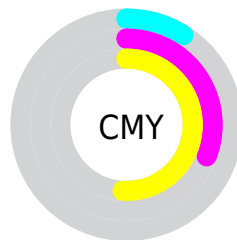


Cyan (0%)

Magenta (24%)

Yellow (46%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.709, 66.328 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, 36.709, 66.328 by changing the saturation by 10% instead.

 76, 36.709, 66.328

 76, 36.709, 66.328

 100, 36.709,
66.328

 66, 36.709, 66.328

 96, 36.709, 66.328

 56, 36.709, 66.328

 46, 36.709, 66.328

 36, 36.709, 66.328

 26, 36.709, 66.328

 16, 36.709, 66.328

 6, 36.709, 66.328

 0, 36.709, 66.328

 76, 36.709, 66.328

 76, 36.709, 66.328

73, 45.827, 65.144

79, 27.963, 67.518

70, 55.162, 63.916

83, 19.642, 68.705

67, 64.353, 62.557

87, 11.747, 69.883

64, 72.672, 60.861

90, 4.254, 71.003

61, 78.960, 58.457

94, 2.873, 252.429

60, 81.079, 57.375

97, 6.359, 220.455

98, 7.517, 199.018

Harmonies

Complementary

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



76, 36.709, 66.328



72, 31.199, 260.094

Rectangle

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



76, 36.709, 66.328



76, 36.709, 116.328



76, 36.709, 246.328



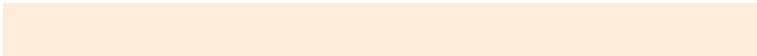
76, 36.709, 296.328

Sweetspot

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



76, 36.709, 66.333



94, 11.060, 70.099



66, 49.378, 346.486



50, 7.679, 69.846



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, 36.709, 66.333



79, 48.418, 65.221



89, 52.139, 104.252



47, 4.144, 70.623



47, 66.846, 58.041



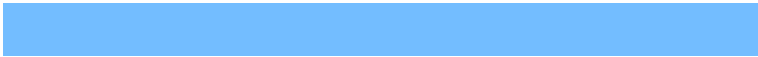
12, 22.215, 57.448

Inverse Universe

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



72, 31.199, 260.094



74, 39.690, 262.787



58, 58.624, 295.495



47, 4.032, 253.063



41, 52.203, 280.596



10, 19.449, 272.133

Previews

White Background



This preview shows how the CIELCh color 76, 36.709, 66.328 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, 36.709, 66.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

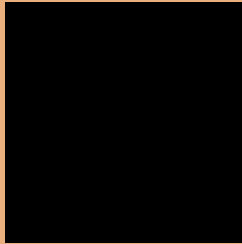
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.709, 66.328

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.709, 66.328.

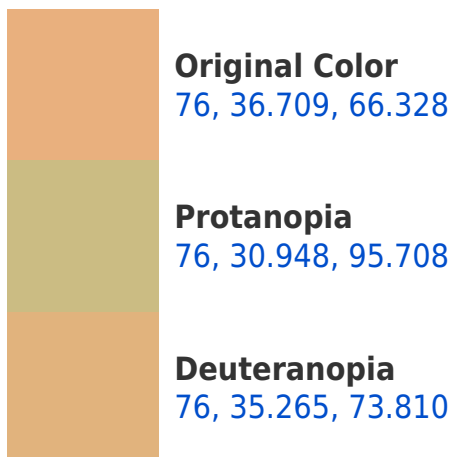


This preview shows how white text looks on a background with the CIELCh color 76, 36.709, 66.328.

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
76, 27.392, 7.351

Trichromacy



Original Color
76, 36.709, 66.328

Protanomaly
76, 32.073, 84.296

Deuteranomaly
76, 35.910, 71.203

Tritanomaly
76, 26.399, 33.065

Monochromacy



Original Color
76, 36.709, 66.328

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.731, 68.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.709, 66.328 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(233, 176, 126)` looks like.

```
.text, #text, p{  
    color:rgb(233, 176, 126)  
}
```

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(233, 176, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 176, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.709, 66.328 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(233, 176, 126) }
```

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

```
.border{ border-color:rgb(233, 176, 126) }
```

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

Here you see how a box with a 4 pixel rgb(233, 176, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 176, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 176, 126);  
box-shadow:4px 4px 4px 4px rgb(233, 176,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.709, 66.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 176, 126) }
```

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

```
.background{ background-color: rgb(233,  
176, 126) }
```

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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