

Converting Colors

CIELCh(76, 21.104, 35.856)

Have a look what the booklet for
CIELCh(76, 21.104, 35.856) contains.

CIELCh(76, 21.258, 36.923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 21.258, 36.923)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0A5
RGB	227, 176, 165
RGB Percent	89%, 69%, 65%
CMY	0.1113, 0.3112, 0.3543
CMYK	0.00, 0.22, 0.27, 0.11
HSL	11°, 52%, 77%
HSV	11°, 27%, 89%
XYZ	53.7775, 49.8872, 42.2270
YIQ	189.9950, 33.9270, 7.3910

Conversions

Conversions Part 2

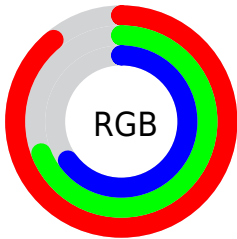
Format	Color
R _Y B	227, 178, 165
Decimal	14921893
CIE Lab	76.00, 16.99, 12.77
CIE LCh	76, 21.258, 36.923
Yxy	49.8872, 0.3686, 0.3419
Android (android.graphics.Color)	4293111973 (0xFFE3B0A5)
YUV	189.9950, -12.3225, 32.4534
Hunter-Lab	70.6309, 12.3037, 13.9948

Details

The CIELCh color **76, 21.258, 36.923** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 17.572, 217.778**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.486, 55.693**, and **56, 21.570, 36.611** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.274, 37.243**, and if you desaturate by 10%, it is **81, 12.928, 36.782**.

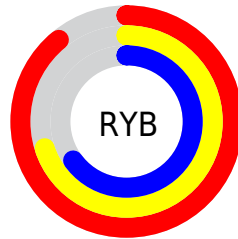
Distribution



Red (89%)

Green (69%)

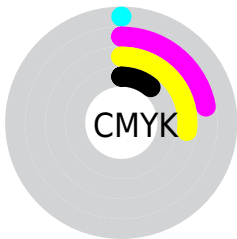
Blue (65%)



Red (89%)

Yellow (70%)

Blue (65%)

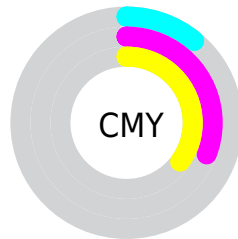


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.258, 36.923 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, 21.258, 36.923 by changing the saturation by 10% instead.

 76, 21.258, 36.923

 76, 21.258, 36.923

 100, 21.258,
36.923

 66, 21.258, 36.923

 96, 21.258, 36.923

 56, 21.258, 36.923

 46, 21.258, 36.923

 36, 21.258, 36.923

 26, 21.258, 36.923

 16, 21.258, 36.923

 6, 21.258, 36.923

 0, 21.258, 36.923

 76, 21.258, 36.923

 76, 21.258, 36.923

71, 30.274, 37.243

81, 12.928, 36.782

66, 39.980, 37.770

86, 5.251, 36.718

62, 50.318, 38.553

92, 1.825, 217.268

58, 61.125, 39.603

97, 8.323, 216.146

55, 72.041, 40.848

98, 9.637, 198.865

52, 82.259, 42.002

50, 90.165, 42.419

49, 91.970, 42.562

Harmonies

Complementary

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



76, 21.258, 36.923



83, 17.572, 217.778

Rectangle

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



76, 21.258, 36.923



76, 21.258, 86.923



76, 21.258, 216.923



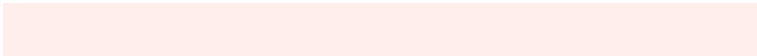
76, 21.258, 266.923

Sweetspot

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



76, 21.257, 36.930



95, 6.312, 36.725



75, 35.452, 331.085



50, 4.514, 36.735



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, 21.257, 36.930



81, 28.933, 37.091



83, 23.222, 87.604



44, 4.062, 36.734



38, 75.725, 42.928



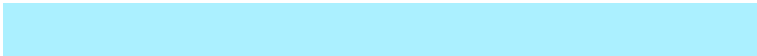
7, 22.657, 30.766

Inverse Universe

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



83, 17.572, 217.778



91, 22.813, 218.127



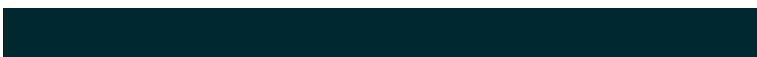
75, 23.080, 275.281



46, 3.826, 217.160



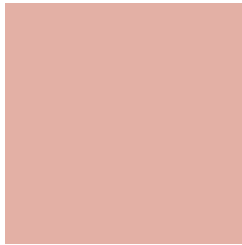
55, 33.002, 230.506



14, 13.559, 224.248

Previews

White Background



This preview shows how the CIELCh color 76, 21.258, 36.923 looks on a white background.

Color Contrast Check

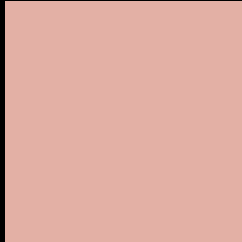
Large Text (above 18pt) WCAG AA × Fail

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, 21.258, 36.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

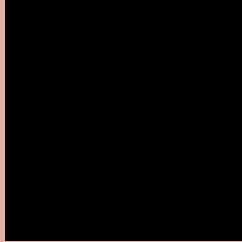
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 21.258, 36.923

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.258, 36.923.

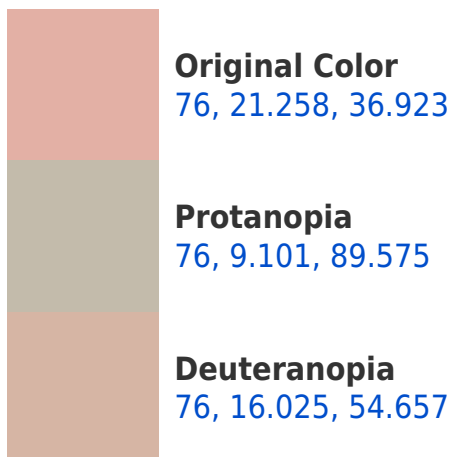


This preview shows how white text looks on a background with the CIELCh color 76, 21.258, 36.923.

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, 22.933, 2.509

Trichromacy



Original Color
76, 21.258, 36.923

Protanomaly
76, 12.040, 58.342

Deuteranomaly
76, 17.922, 46.968

Tritanomaly
76, 21.469, 14.183

Monochromacy



Original Color
76, 21.258, 36.923

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.166, 37.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.258, 36.923 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, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 165)  
}
```

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, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.258, 36.923 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, 176, 165) }
```

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

```
.border{ border-color:rgb(227, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.258, 36.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 165) }
```

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

```
.background{ background-color: rgb(227,  
176, 165) }
```

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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