

Converting Colors

CIELCh(76, 18.722, 78.958)

Have a look what the booklet for
CIELCh(76, 18.722, 78.958) contains.

CIELCh(76, 18.605, 78.899)	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, 18.605, 78.899)

Conversions

Conversions Part 1

Format	Color
Hex	CFB89A
RGB	207, 184, 154
RGB Percent	81%, 72%, 60%
CMY	0.1882, 0.2784, 0.3960
CMYK	0.00, 0.11, 0.26, 0.19
HSL	34°, 36%, 71%
HSV	34°, 26%, 81%
XYZ	48.7130, 49.8872, 37.6388
YIQ	187.4570, 23.3380, -4.4540

Conversions

Conversions Part 2

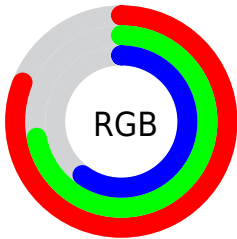
Format	Color
R _Y B	195, 207, 154
Decimal	13613210
CIE Lab	76.00, 3.58, 18.26
CIE LCh	76, 18.605, 78.899
Yxy	49.8872, 0.3576, 0.3662
Android (android.graphics.Color)	4291803290 (0xFFCFB89A)
YUV	187.4570, -16.4943, 17.1392
Hunter-Lab	70.6309, -0.4956, 17.8464

Details

The CIELCh color $76, 18.605, 78.899$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 17.847, 266.153$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 17.294, 89.897$, and $56, 18.472, 78.626$ is the 20% darker color. If you saturate the color by 10%, you get $73, 26.336, 77.565$, and if you desaturate by 10%, it is $79, 11.135, 80.212$.

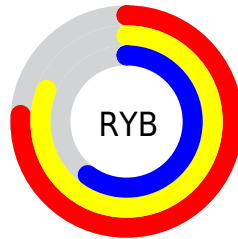
Distribution



Red (81%)

Green (72%)

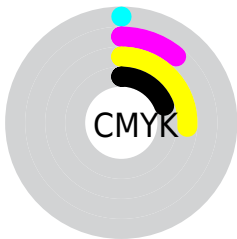
Blue (60%)



Red (76%)

Yellow (81%)

Blue (60%)

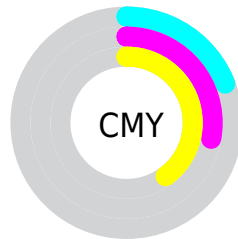


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (19%)



Cyan (19%)

Magenta (28%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 18.605, 78.899 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, 18.605, 78.899 by changing the saturation by 10% instead.

 76, 18.605, 78.899

 76, 18.605, 78.899

 100, 18.605,
78.899

 66, 18.605, 78.899

 96, 18.605, 78.899

 56, 18.605, 78.899

 46, 18.605, 78.899

 36, 18.605, 78.899

 26, 18.605, 78.899

 16, 18.605, 78.899

 6, 18.605, 78.899

 0, 18.605, 78.899

 76, 18.605, 78.899

 76, 18.605, 78.899

73, 26.336, 77.565

79, 11.135, 80.212

71, 34.301, 76.191

82, 3.924, 81.440

68, 42.420, 74.774

84, 3.043, 262.872

66, 50.515, 73.286

87, 9.784, 263.997

63, 58.224, 71.649

90, 15.179,
262.729

61, 64.898, 69.708

92, 13.323,
240.624

59, 69.623, 67.192

58, 71.311, 66.004

95, 13.759,
216.367

97, 15.935,
198.446

Harmonies

Complementary

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



76, 18.605, 78.899



71, 17.847, 266.153

Rectangle

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



76, 18.605, 78.899



76, 18.605, 128.899



76, 18.605, 258.899



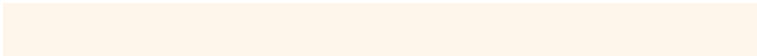
76, 18.605, 308.899

Sweetspot

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



76, 18.606, 78.907



97, 6.669, 81.150



69, 23.912, 348.874



51, 4.753, 80.964



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, 18.606, 78.907



90, 26.958, 78.136



82, 27.770, 109.873



43, 4.036, 80.990



48, 61.034, 66.569



10, 15.880, 66.834

Inverse Universe

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



71, 17.847, 266.153



83, 25.590, 267.281



66, 29.500, 294.902



42, 3.987, 263.527



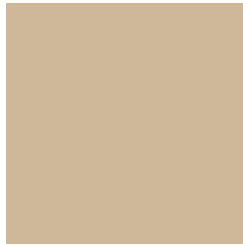
33, 59.727, 289.591



5, 17.640, 277.385

Previews

White Background



This preview shows how the CIELCh color 76, 18.605, 78.899 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, 18.605, 78.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

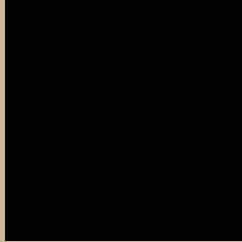
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 18.605, 78.899

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.605, 78.899.



This preview shows how white text looks on a background with the CIELCh color 76, 18.605, 78.899.

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](#).

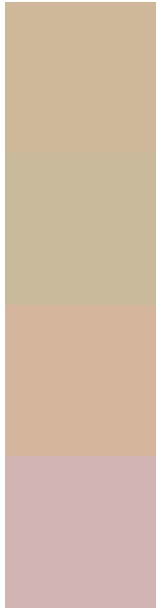
Dichromacy





Tritanopia
76, 14.444, 349.354

Trichromacy



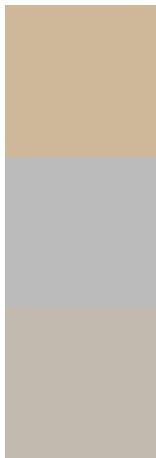
Original Color
76, 18.605, 78.899

Protanomaly
76, 17.661, 88.803

Deuteranomaly
76, 19.113, 66.496

Tritanomaly
76, 11.183, 25.746

Monochromacy



Original Color
76, 18.605, 78.899

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.630, 82.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.605, 78.899 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(207, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 154)  
}
```

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(207, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.605, 78.899 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(207, 184, 154) }
```

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

```
.border{ border-color:rgb(207, 184, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.605, 78.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 154) }
```

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

```
.background{ background-color: rgb(207,  
184, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor