

Converting Colors

CIELCh(76, 6.769, 19.811)

Have a look what the booklet for
CIELCh(76, 6.769, 19.811) contains.

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Color

CIELCh(76, 6.804, 19.889)

Conversions

Conversions Part 1

Format	Color
Hex	C9B7B7
RGB	201, 183, 183
RGB Percent	79%, 72%, 72%
CMY	0.2105, 0.2811, 0.2811
CMYK	0.00, 0.09, 0.09, 0.21
HSL	0°, 14%, 75%
HSV	0°, 9%, 79%
XYZ	49.7487, 49.8872, 51.9753
YIQ	188.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

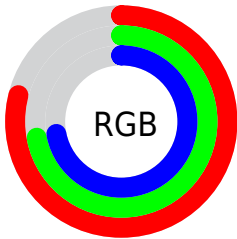
Format	Color
RYB	201, 183, 183
Decimal	13219767
CIELab	76.00, 6.40, 2.31
CIELCh	76, 6.804, 19.889
Yxy	49.8872, 0.3281, 0.3290
Android (android.graphics.Color)	4291409847 (0xFFC9B7B7)
YUV	188.3820, -2.6533, 11.0660
Hunter-Lab	70.6309, 2.1219, 5.8118

Details

The CIELCh color $76, 6.804, 19.889$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.432, 199.023$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.724, 19.680$, and $56, 6.871, 20.075$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.985, 20.742$, and if you desaturate by 10%, it is $82, 0.770, 200.090$.

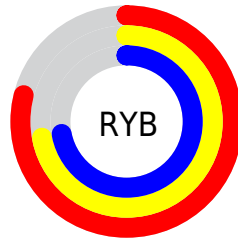
Distribution



Red (79%)

Green (72%)

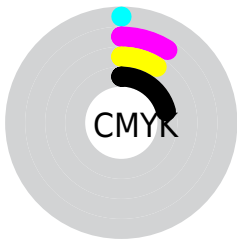
Blue (72%)



Red (79%)

Yellow (72%)

Blue (72%)

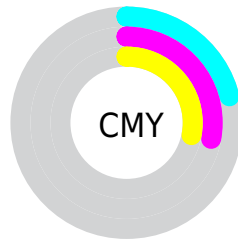


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.804, 19.889 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, 6.804, 19.889 by changing the saturation by 10% instead.

 76, 6.804, 19.889  76, 6.804, 19.889

 100, 6.804, 19.889  66, 6.804, 19.889

 96, 6.804, 19.889  56, 6.804, 19.889

 46, 6.804, 19.889

 36, 6.804, 19.889

 26, 6.804, 19.889

 16, 6.804, 19.889

 6, 6.804, 19.889

 0, 6.804, 19.889

 76, 6.804, 19.889

 76, 6.804, 19.889

70, 14.985, 20.742

82, 0.770, 200.090

65, 23.787, 21.785

87, 7.774, 198.957

60, 33.169, 23.137

93, 14.260,
198.540

55, 43.016, 24.901

96, 17.699,
198.333

51, 53.119, 27.188

47, 63.171, 30.074

45, 72.738, 33.496

43, 81.046, 37.004

42, 86.901, 39.711

Harmonies

Complementary

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



76, 6.804, 19.889



80, 6.432, 199.023

Rectangle

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



76, 6.804, 19.889



76, 6.804, 69.889



76, 6.804, 199.889



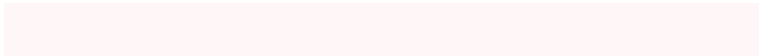
76, 6.804, 249.889

Sweetspot

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



76, 6.803, 19.905



98, 2.702, 19.359



76, 11.756, 324.907



52, 2.054, 19.461



0, 0.000, 0.000



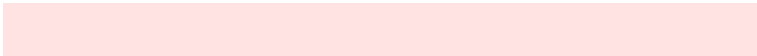
53, 0.007, 296.813

Same Dimension

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



76, 6.803, 19.905



92, 10.224, 20.080



78, 5.867, 74.274



39, 4.278, 19.939



34, 74.642, 39.779



3, 15.883, 19.415

Inverse Universe

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



80, 6.432, 199.023



98, 9.529, 198.890



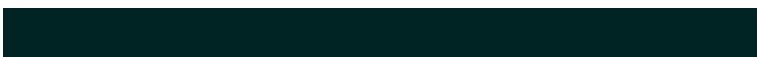
77, 5.748, 256.636



41, 4.033, 198.996



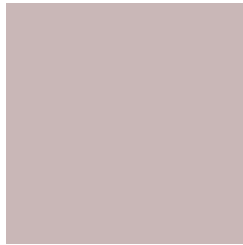
61, 35.878, 196.417



12, 12.981, 196.410

Previews

White Background



This preview shows how the CIELCh color 76, 6.804, 19.889 looks on a white background.

Color Contrast Check

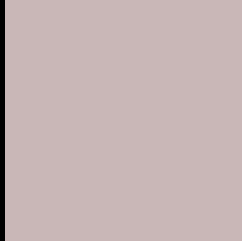
Large Text (above 18pt) WCAG AA × Fail

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, 6.804, 19.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

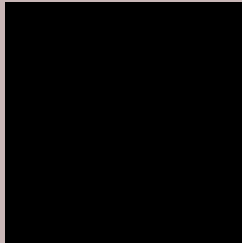
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 6.804, 19.889

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.804, 19.889.



This preview shows how white text looks on a background with the CIELCh color 76, 6.804, 19.889.

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, 6.804, 19.889

Protanopia

76, 1.825, 55.193

Deuteranopia

76, 9.986, 10.956



Tritanopia
76, 11.488, 335.754

Trichromacy



Original Color
76, 6.804, 19.889

Protanomaly
76, 3.534, 37.173

Deuteranomaly
76, 8.773, 13.079

Tritanomaly
76, 8.907, 347.253

Monochromacy



Original Color
76, 6.804, 19.889

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.234, 19.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.804, 19.889 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(201, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 183)  
}
```

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(201, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.804, 19.889 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(201, 183, 183) }
```

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

```
.border{ border-color:rgb(201, 183, 183) }
```

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

Here you see how a box with a 4 pixel rgb(201, 183, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.804, 19.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 183) }
```

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

```
.background{ background-color: rgb(201,  
183, 183) }
```

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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