

Converting Colors

CIELCh(76, 3.569, 36.982)

Have a look what the booklet for
CIELCh(76, 3.569, 36.982) contains.

CIELCh(76, 3.901, 35.519)	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, 3.901, 35.519)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9B7
RGB	195, 185, 183
RGB Percent	76%, 73%, 72%
CMY	0.2342, 0.2734, 0.2812
CMYK	0.00, 0.05, 0.06, 0.23
HSL	10°, 9%, 74%
HSV	10°, 6%, 77%
XYZ	48.5644, 49.8872, 52.0235
YIQ	187.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

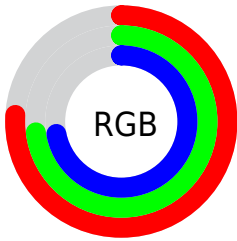
Format	Color
RYB	195, 185, 183
Decimal	12827063
CIELab	76.00, 3.18, 2.27
CIELCh	76, 3.901, 35.519
Yxy	49.8872, 0.3227, 0.3315
Android (android.graphics.Color)	4291017143 (0xFFC3B9B7)
YUV	187.7620, -2.3477, 6.3477
Hunter-Lab	70.6309, -0.8710, 5.7713

Details

The CIELCh color **76, 3.901, 35.519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 3.755, 215.926**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 4.048, 34.112**, and **56, 3.782, 37.196** is the 20% darker color. If you saturate the color by 10%, you get **71, 10.677, 35.670**, and if you desaturate by 10%, it is **81, 2.352, 215.986**.

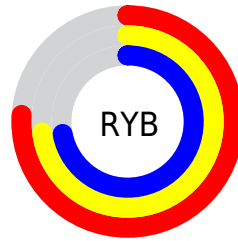
Distribution



Red (76%)

Green (73%)

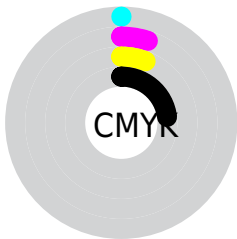
Blue (72%)



Red (76%)

Yellow (73%)

Blue (72%)

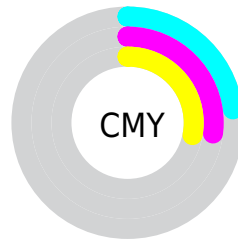


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.901, 35.519 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, 3.901, 35.519 by changing the saturation by 10% instead.

 76, 3.901, 35.519  76, 3.901, 35.519

 100, 3.901, 35.519  66, 3.901, 35.519

 96, 3.901, 35.519  56, 3.901, 35.519

 46, 3.901, 35.519

 36, 3.901, 35.519

 26, 3.901, 35.519

 16, 3.901, 35.519

 6, 3.901, 35.519

 0, 3.901, 35.519

 76, 3.901, 35.519  76, 3.901, 35.519

71, 10.677, 35.670

81, 2.352, 215.986

67, 18.026, 35.855

85, 8.131, 215.966

62, 25.979, 36.202

90, 13.491,
216.136

58, 34.540, 36.760

95, 18.086,
205.945

54, 43.663, 37.576

51, 53.223, 38.672

96, 19.528,
198.217

47, 62.943, 40.001

45, 72.214, 41.337

43, 79.764, 42.101

Harmonies

Complementary

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



76, 3.901, 35.519



77, 3.755, 215.926

Rectangle

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



76, 3.901, 35.519



76, 3.901, 85.519



76, 3.901, 215.519



76, 3.901, 265.519

Sweetspot

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



76, 3.900, 35.550



99, 1.549, 35.280



76, 7.010, 329.717



53, 0.880, 35.258



0, 0.000, 0.000



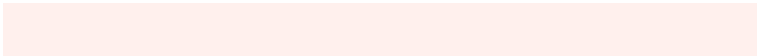
53, 0.007, 296.813

Same Dimension

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



76, 3.900, 35.550



96, 5.538, 35.568



78, 4.516, 90.320



39, 2.876, 35.573



35, 70.850, 42.727



4, 12.633, 29.578

Inverse Universe

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



77, 3.755, 215.926



98, 5.299, 215.921



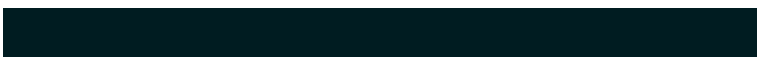
76, 4.526, 271.954



40, 2.745, 215.921



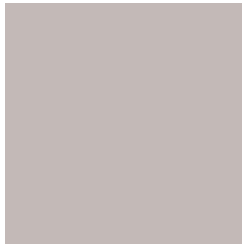
51, 30.820, 227.960



8, 10.560, 221.178

Previews

White Background



This preview shows how the CIELCh color 76, 3.901, 35.519 looks on a white background.

Color Contrast Check

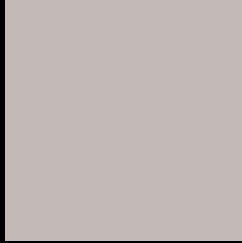
Large Text (above 18pt) WCAG AA × Fail

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, 3.901, 35.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

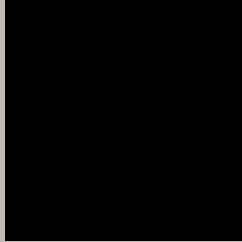
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

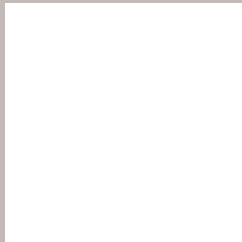
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.901, 35.519

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.901, 35.519.



This preview shows how white text looks on a background with the CIELCh color 76, 3.901, 35.519.

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, 3.901, 35.519

Protanopia

76, 2.143, 49.343

Deuteranopia

76, 9.986, 10.956



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color
76, 3.901, 35.519

Protanomaly
76, 2.822, 41.757

Deuteranomaly
76, 7.578, 15.919

Tritanomaly
76, 6.599, 332.684

Monochromacy



Original Color
76, 3.901, 35.519

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.575, 39.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.901, 35.519 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(195, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 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(195, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.901, 35.519 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(195, 185, 183) }
```

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

```
.border{ border-color:rgb(195, 185, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.901, 35.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 183) }
```

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

```
.background{ background-color: rgb(195,  
185, 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](#).

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