

Converting Colors

CIELCh(76, 3.818, 2.318)

Have a look what the booklet for
CIELCh(76, 3.818, 2.318) contains.

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Color

CIELCh(76, 3.893, 3.585)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9BB
RGB	195, 185, 187
RGB Percent	76%, 73%, 73%
CMY	0.2353, 0.2745, 0.2667
CMYK	0.00, 0.05, 0.04, 0.24
HSL	348°, 8%, 75%
HSV	348°, 5%, 76%
XYZ	48.8238, 49.8872, 54.0690
YIQ	188.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

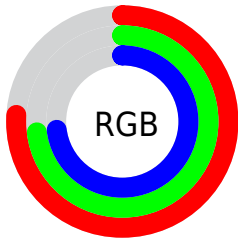
Format	Color
R _Y B	195, 185, 187
Decimal	12827067
CIE Lab	76.00, 3.89, 0.24
CIE LCh	76, 3.893, 3.585
Yxy	49.8872, 0.3196, 0.3265
Android (android.graphics.Color)	4291017147 (0xFFC3B9BB)
YUV	188.2180, -0.6005, 5.9478
Hunter-Lab	70.6309, -0.2155, 4.0542

Details

The CIELCh color $76, 3.893, 3.585$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 3.810, 182.952$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.046, 4.889$, and $56, 3.762, 2.041$ is the 20% darker color. If you saturate the color by 10%, you get $71, 11.782, 4.702$, and if you desaturate by 10%, it is $81, 3.591, 183.006$.

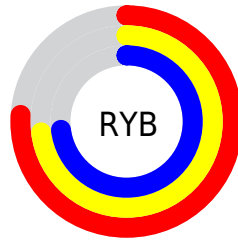
Distribution



Red (76%)

Green (73%)

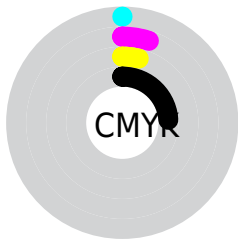
Blue (73%)



Red (76%)

Yellow (73%)

Blue (73%)

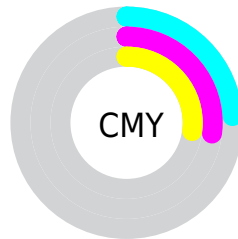


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.893, 3.585 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, 3.893, 3.585 by changing the saturation by 10% instead.

■ 76, 3.893, 3.585

■ 76, 3.893, 3.585

■ 100, 3.893, 3.585

■ 66, 3.893, 3.585

■ 96, 3.893, 3.585

■ 56, 3.893, 3.585

■ 46, 3.893, 3.585

■ 36, 3.893, 3.585

■ 26, 3.893, 3.585

■ 16, 3.893, 3.585

■ 6, 3.893, 3.585

■ 0, 3.893, 3.585

■ 76, 3.893, 3.585

■ 76, 3.893, 3.585

71, 11.782, 4.702

81, 3.591, 183.006

65, 20.052, 5.916

87, 10.665,
182.158

60, 28.619, 7.369

93, 17.352,
181.474

56, 37.329, 9.149

51, 45.940, 11.373

96, 20.105,
189.941

48, 54.134, 14.184

96, 19.614,
198.212

45, 61.580, 17.731

43, 68.054, 22.111

41, 73.546, 27.228

Harmonies

Complementary

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



76, 3.893, 3.585



78, 3.810, 182.952

Rectangle

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



76, 3.893, 3.585



76, 3.893, 53.585



76, 3.893, 183.585



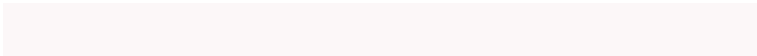
76, 3.893, 233.585

Sweetspot

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



76, 3.891, 3.605



98, 1.859, 3.125



76, 6.166, 319.002



53, 1.065, 3.099



0, 0.000, 0.000



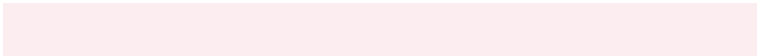
53, 0.007, 296.813

Same Dimension

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



76, 3.891, 3.605



95, 5.630, 3.717



77, 3.059, 51.061



39, 3.008, 3.768



33, 65.437, 28.836



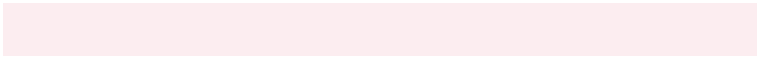
3, 14.287, 8.634

Inverse Universe

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



76, 3.891, 3.605



95, 5.630, 3.717



77, 2.984, 232.084



39, 3.008, 3.768



33, 65.437, 28.836



3, 14.287, 8.634

Previews

White Background



This preview shows how the CIELCh color 76, 3.893, 3.585 looks on a white background.

Color Contrast Check

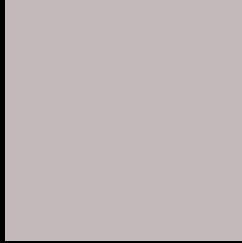
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 3.893, 3.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

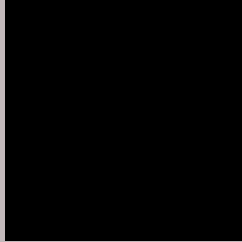
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

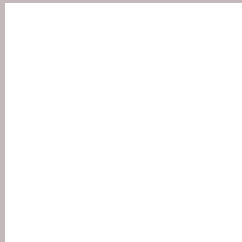
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.893, 3.585

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.893, 3.585.

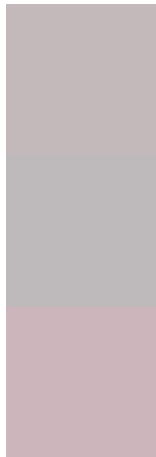


This preview shows how white text looks on a background with the CIELCh color 76, 3.893, 3.585.

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, 3.893, 3.585

Protanopia

76, 1.847, 343.609

Deuteranopia

76, 9.775, 357.620



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color

76, 3.893, 3.585

Protanomaly

76, 2.487, 353.793

Deuteranomaly

76, 7.825, 355.707

Tritanomaly

76, 7.004, 329.715

Monochromacy



Original Color

76, 3.893, 3.585

Achromatopsia

76, 0.009, 296.813

Achromatomaly

76, 1.587, 359.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.893, 3.585 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.893, 3.585 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, 187) }
```

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

```
.border{ border-color:rgb(195, 185, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.893, 3.585 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, 187) }
```

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

```
.background{ background-color: rgb(195,  
185, 187) }
```

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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