

Converting Colors

CIELCh(76, 6.078, 37.379)

Have a look what the booklet for
CIELCh(76, 6.078, 37.379) contains.

CIELCh(76, 5.899, 35.563)	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, 5.899, 35.563)

Conversions

Conversions Part 1

Format	Color
Hex	C7B8B5
RGB	199, 184, 181
RGB Percent	78%, 72%, 71%
CMY	0.2188, 0.2776, 0.2893
CMYK	0.00, 0.08, 0.09, 0.22
HSL	10°, 14%, 75%
HSV	10°, 9%, 78%
XYZ	49.1586, 49.8872, 50.8698
YIQ	188.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

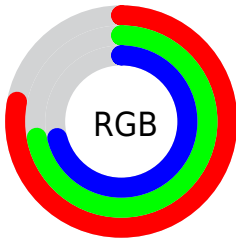
Format	Color
R_YB	199, 185, 181
Decimal	13088949
CIE Lab	76.00, 4.80, 3.43
CIE LCh	76, 5.899, 35.563
Yxy	49.8872, 0.3279, 0.3328
Android (android.graphics.Color)	4291279029 (0xFFC7B8B5)
YUV	188.1430, -3.5215, 9.5216
Hunter-Lab	70.6309, 0.6307, 6.7398

Details

The CIELCh color $76, 5.899, 35.563$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.571, 215.917$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.587, 35.538$, and $56, 5.927, 36.635$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.951, 35.702$, and if you desaturate by 10%, it is $81, 0.606, 216.624$.

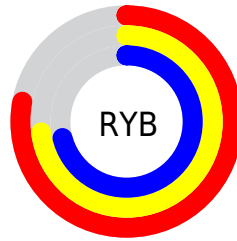
Distribution



Red (78%)

Green (72%)

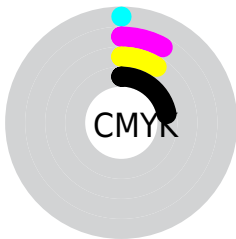
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

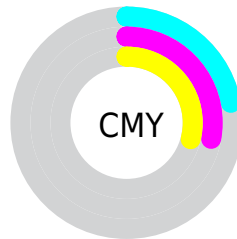


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.899, 35.563 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, 5.899, 35.563 by changing the saturation by 10% instead.

 76, 5.899, 35.563

 76, 5.899, 35.563

 100, 5.899, 35.563

 66, 5.899, 35.563


 96, 5.899, 35.563

 56, 5.899, 35.563

 46, 5.899, 35.563

 36, 5.899, 35.563

 26, 5.899, 35.563

 16, 5.899, 35.563

 6, 5.899, 35.563

 0, 5.899, 35.563

 76, 5.899, 35.563

 76, 5.899, 35.563

71, 12.951, 35.702

81, 0.606, 216.624

67, 20.598, 35.929

86, 6.613, 215.925

62, 28.864, 36.334

90, 12.177,
216.070

58, 37.741, 36.965

95, 16.971,
206.073

54, 47.164, 37.866

51, 56.968, 39.044

96, 18.339,
198.292

48, 66.798, 40.415

45, 75.868, 41.659

43, 82.956, 42.338

Harmonies

Complementary

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



76, 5.899, 35.563



78, 5.571, 215.917

Rectangle

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



76, 5.899, 35.563



76, 5.899, 85.563



76, 5.899, 215.563



76, 5.899, 265.563

Sweetspot

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



76, 5.898, 35.584



98, 2.334, 35.408



76, 10.495, 329.906



52, 1.775, 35.465



0, 0.000, 0.000



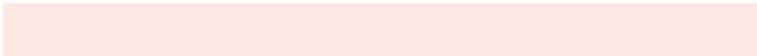
53, 0.007, 296.813

Same Dimension

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



76, 5.898, 35.584



94, 8.850, 35.607



78, 6.774, 89.976



39, 3.702, 35.588



35, 71.736, 42.722



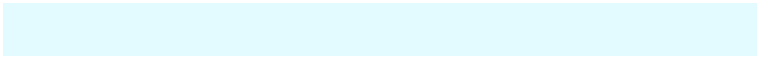
5, 14.402, 29.004

Inverse Universe

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



78, 5.571, 215.917



97, 8.240, 215.939



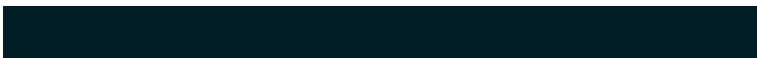
76, 6.774, 272.330



41, 3.488, 215.920



52, 31.180, 227.987



9, 11.301, 220.426

Previews

White Background



This preview shows how the CIELCh color 76, 5.899, 35.563 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, 5.899, 35.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

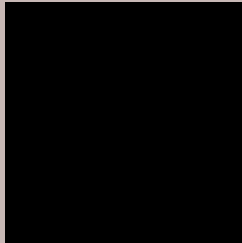
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

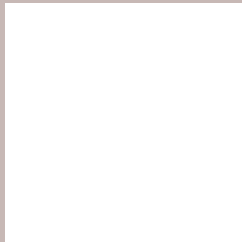
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.899, 35.563

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.899, 35.563.



This preview shows how white text looks on a background with the CIELCh color 76, 5.899, 35.563.

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, 5.899, 35.563

Protanopia

76, 2.832, 68.510

Deuteranopia

76, 10.296, 17.245



Tritanopia
76, 10.327, 333.426

Trichromacy



Original Color
76, 5.899, 35.563

Protanomaly
76, 3.997, 51.934

Deuteranomaly
76, 8.740, 20.070

Tritanomaly
76, 7.672, 345.936

Monochromacy



Original Color
76, 5.899, 35.563

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.932, 35.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.899, 35.563 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(199, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 181)  
}
```

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(199, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.899, 35.563 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(199, 184, 181) }
```

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

```
.border{ border-color:rgb(199, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 184, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 184, 181); box-shadow:4px 4px 4px 4px rgb(199, 184, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.899, 35.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 181) }
```

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

```
.background{ background-color: rgb(199,  
184, 181) }
```

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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