

Converting Colors

CIELCh(76, 5.560, 54.899)

Have a look what the booklet for
CIELCh(76, 5.560, 54.899) contains.

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Color

CIELCh(76, 5.566, 54.896)

Conversions

Conversions Part 1

Format	Color
Hex	C5B9B3
RGB	197, 185, 179
RGB Percent	77%, 73%, 70%
CMY	0.2270, 0.2741, 0.2976
CMYK	0.00, 0.06, 0.09, 0.23
HSL	20°, 13%, 74%
HSV	20°, 9%, 77%
XYZ	48.5738, 49.8872, 49.7737
YIQ	187.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

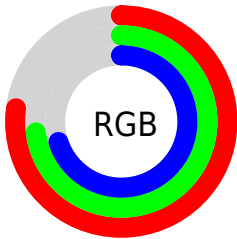
Format	Color
RYB	197, 188, 179
Decimal	12958131
CIELab	76.00, 3.20, 4.55
CIELCh	76, 5.566, 54.896
Yxy	49.8872, 0.3277, 0.3365
Android (android.graphics.Color)	4291148211 (0xFFC5B9B3)
YUV	187.9040, -4.3897, 7.9772
Hunter-Lab	70.6309, -0.8473, 7.6599

Details

The CIELCh color $76, 5.566, 54.896$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.323, 236.615$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.574, 52.868$, and $56, 5.628, 57.074$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.087, 54.218$, and if you desaturate by 10%, it is $80, 0.516, 236.728$.

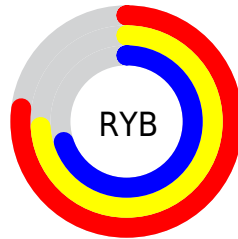
Distribution



Red (77%)

Green (73%)

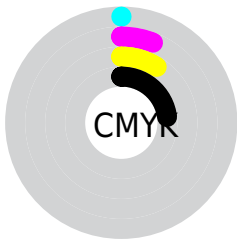
Blue (70%)



Red (77%)

Yellow (74%)

Blue (70%)

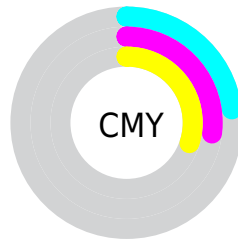


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.566, 54.896 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, 5.566, 54.896 by changing the saturation by 10% instead.

 76, 5.566, 54.896

 76, 5.566, 54.896

 100, 5.566, 54.896

 66, 5.566, 54.896

 96, 5.566, 54.896

 56, 5.566, 54.896

 46, 5.566, 54.896

 36, 5.566, 54.896

 26, 5.566, 54.896

 16, 5.566, 54.896

 6, 5.566, 54.896

 0, 5.566, 54.896

 76, 5.566, 54.896

 76, 5.566, 54.896

72, 12.087, 54.218

80, 0.516, 236.728

68, 19.093, 53.540

84, 6.204, 236.681

65, 26.617, 52.928

88, 11.544,
237.464

61, 34.672, 52.402

92, 15.770,
233.585

58, 43.223, 51.965

55, 52.138, 51.586

95, 17.660,
205.413

52, 61.091, 51.156

96, 18.979,
198.252

49, 69.355, 50.399

47, 76.024, 49.056

Harmonies

Complementary

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



76, 5.566, 54.896



77, 5.323, 236.615

Rectangle

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



76, 5.566, 54.896



76, 5.566, 104.896



76, 5.566, 234.896



76, 5.566, 284.896

Sweetspot

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



76, 5.566, 54.920



99, 2.203, 55.217



75, 9.338, 336.269



52, 1.675, 55.209



0, 0.000, 0.000



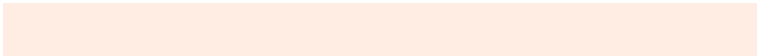
53, 0.007, 296.813

Same Dimension

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



76, 5.566, 54.920



95, 8.322, 54.780



78, 8.064, 101.318



40, 3.484, 54.903



39, 66.260, 49.475



6, 13.395, 40.594

Inverse Universe

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



77, 5.323, 236.615



96, 7.871, 236.802



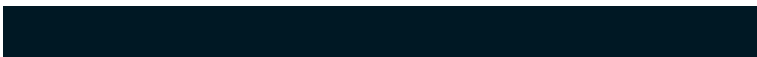
74, 8.172, 283.406



40, 3.328, 236.638



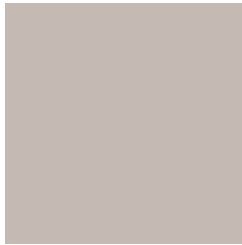
44, 36.914, 261.577



7, 11.670, 250.326

Previews

White Background



This preview shows how the CIELCh color 76, 5.566, 54.896 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, 5.566, 54.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

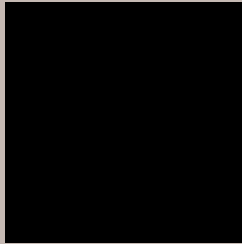
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 5.566, 54.896

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.566, 54.896.



This preview shows how white text looks on a background with the CIELCh color 76, 5.566, 54.896.

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, 5.566, 54.896

Protanopia

76, 4.185, 83.022

Deuteranopia

76, 10.339, 23.169



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 5.566, 54.896

Protanomaly
76, 4.399, 66.438

Deuteranomaly
76, 8.454, 27.293

Tritanomaly
76, 7.070, 347.804

Monochromacy



Original Color
76, 5.566, 54.896

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.825, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.566, 54.896 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(197, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 179)  
}
```

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(197, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.566, 54.896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

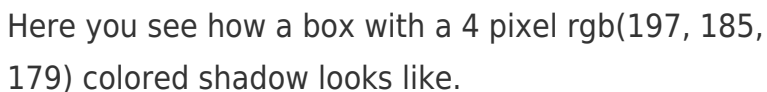
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 179) }
```

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

```
.border{ border-color:rgb(197, 185, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 185, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 185, 179); box-shadow:4px 4px 4px 4px rgb(197, 185, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.566, 54.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 179) }
```

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

```
.background{ background-color: rgb(197,  
185, 179) }
```

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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