

Converting Colors

CIELCh(76, 10.479, 85.130)

Have a look what the booklet for
CIELCh(76, 10.479, 85.130) contains.

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Color

CIELCh(76, 10.548, 85.385)

Conversions

Conversions Part 1

Format	Color
Hex	C5BAA8
RGB	197, 186, 168
RGB Percent	77%, 73%, 66%
CMY	0.2270, 0.2701, 0.3407
CMYK	0.00, 0.06, 0.15, 0.23
HSL	37°, 20%, 72%
HSV	37°, 15%, 77%
XYZ	47.7214, 49.8872, 44.2177
YIQ	187.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

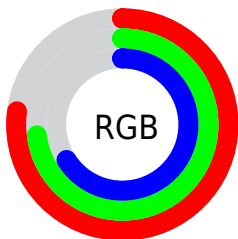
Format	Color
RYB	186, 197, 168
Decimal	12958376
CIELab	76.00, 0.85, 10.51
CIElCh	76, 10.548, 85.385
Yxy	49.8872, 0.3365, 0.3517
Android (android.graphics.Color)	4291148456 (0xFFC5BAA8)
YUV	187.2370, -9.4838, 8.5622
Hunter-Lab	70.6309, -3.0014, 12.3238

Details

The CIELCh color $76, 10.548, 85.385$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 10.436, 269.337$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.638, 84.989$, and $56, 10.555, 85.691$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.966, 84.091$, and if you desaturate by 10%, it is $78, 3.328, 86.616$.

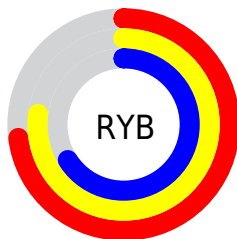
Distribution



Red (77%)

Green (73%)

Blue (66%)



Red (73%)

Yellow (77%)

Blue (66%)

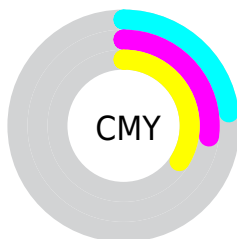


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 10.548, 85.385 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, 10.548, 85.385 by changing the saturation by 10% instead.

■ 76, 10.548, 85.385

■ 76, 10.548, 85.385

■ 100, 10.548,
85.385

■ 66, 10.548, 85.385

■ 96, 10.548, 85.385

■ 56, 10.548, 85.385

■ 46, 10.548, 85.385

■ 36, 10.548, 85.385

■ 26, 10.548, 85.385

■ 16, 10.548, 85.385

■ 6, 10.548, 85.385

■ 0, 10.548, 85.385

■ 76, 10.548, 85.385

■ 76, 10.548, 85.385

74, 17.966, 84.091

78, 3.328, 86.616

71, 25.569, 82.741

81, 3.701, 268.002

69, 33.321, 81.350

83, 10.551,
269.136

67, 41.132, 79.913

86, 17.235,
270.256

65, 48.817, 78.405

63, 56.023, 76.768

88, 18.312,
263.503

61, 62.148, 74.879

90, 16.404,
248.769

59, 66.374, 72.530

58, 68.057, 71.172

92, 15.765,
231.763

94, 16.510,
215.017

96, 18.440,
200.860

Harmonies

Complementary

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



76, 10.548, 85.385



73, 10.436, 269.337

Rectangle

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



76, 10.548, 85.385



76, 10.548, 135.385



76, 10.548, 265.385



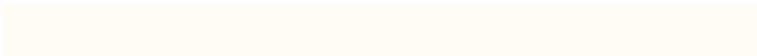
76, 10.548, 315.385

Sweetspot

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



76, 10.549, 85.397



99, 3.476, 86.685



72, 12.550, 351.804



53, 2.474, 86.604



0, 0.000, 0.000



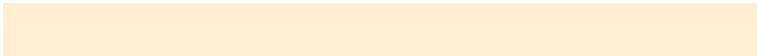
53, 0.007, 296.813

Same Dimension

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



76, 10.549, 85.397



95, 15.985, 84.938



79, 15.461, 113.605



41, 4.064, 86.067



48, 59.133, 71.657



9, 13.492, 73.042

Inverse Universe

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



73, 10.436, 269.337



90, 15.759, 269.897



70, 15.975, 296.032



39, 4.043, 268.564



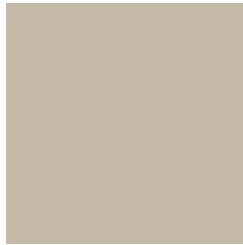
30, 64.273, 293.449



4, 15.958, 278.653

Previews

White Background



This preview shows how the CIELCh color 76, 10.548, 85.385 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, 10.548, 85.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

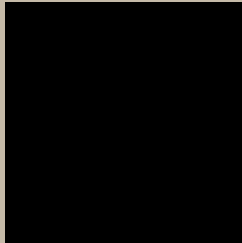
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

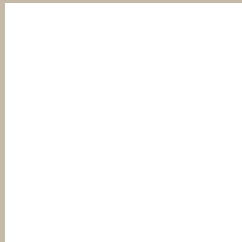
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.548, 85.385

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.548, 85.385.



This preview shows how white text looks on a background with the CIELCh color 76, 10.548, 85.385.

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, 10.548, 85.385

Protanopia

76, 10.634, 92.269

Deuteranopia

76, 13.798, 47.872



Tritanopia
76, 10.327, 333.426

Trichromacy



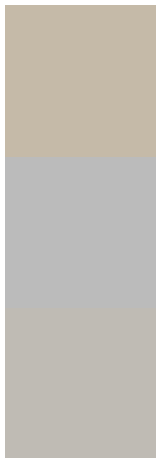
Original Color
76, 10.548, 85.385

Protanomaly
76, 10.754, 90.278

Deuteranomaly
76, 12.040, 58.342

Tritanomaly
76, 6.109, 9.728

Monochromacy



Original Color
76, 10.548, 85.385

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.031, 87.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.548, 85.385 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, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 168)  
}
```

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, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.548, 85.385 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, 186, 168) }
```

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

```
.border{ border-color:rgb(197, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.548, 85.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 168) }
```

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

```
.background{ background-color: rgb(197,  
186, 168) }
```

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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