

Converting Colors

CIELCh(76, 5.898, 85.584)

Have a look what the booklet for
CIELCh(76, 5.898, 85.584) contains.

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Color

CIELCh(76, 5.811, 86.569)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C1BBB1 |
| RGB | 193, 187, 177 |
| RGB Percent | 76%, 73%, 69% |
| CMY | 0.2442, 0.2677, 0.3070 |
| CMYK | 0.00, 0.03, 0.08, 0.24 |
| HSL | 38°, 11%, 72% |
| HSV | 38°, 8%, 76% |
| XYZ | 47.5412, 49.8872, 48.5749 |
| YIQ | 187.6540, 6.7860, -1.8380 |

Conversions

Conversions Part 2

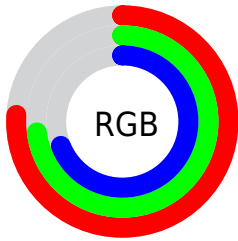
| Format | Color |
|-------------------------------------|--|
| RYB | 187, 193, 177 |
| Decimal | 12696497 |
| CIELab | 76.00, 0.35, 5.80 |
| CIELCh | 76, 5.811, 86.569 |
| Yxy | 49.8872, 0.3256, 0.3417 |
| Android (android.graphics.Color) | 4290886577 (0xFFC1BBB1) |
| YUV | 187.6540, -5.2524, 4.6884 |
| Hunter-Lab | 70.6309, -3.4569, 8.6662 |

Details

The CIELCh color `76, 5.811, 86.569` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 5.791, 268.798`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 5.524, 86.780`, and `56, 6.042, 89.798` is the 20% darker color. If you saturate the color by 10%, you get `74, 12.996, 85.326`, and if you desaturate by 10%, it is `78, 1.185, 268.100`.

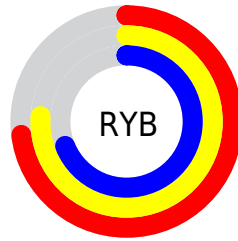
Distribution



Red (76%)

Green (73%)

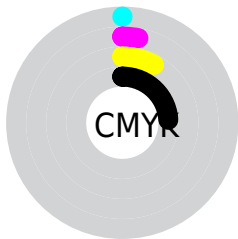
Blue (69%)



Red (73%)

Yellow (76%)

Blue (69%)

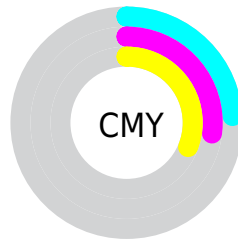


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.811, 86.569 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, 5.811, 86.569 by changing the saturation by 10% instead.

■ 76, 5.811, 86.569

■ 76, 5.811, 86.569

■ 100, 5.811, 86.569

■ 66, 5.811, 86.569

■ 96, 5.811, 86.569

■ 56, 5.811, 86.569

■ 46, 5.811, 86.569

■ 36, 5.811, 86.569

■ 26, 5.811, 86.569

■ 16, 5.811, 86.569

■ 6, 5.811, 86.569

■ 0, 5.811, 86.569

■ 76, 5.811, 86.569

■ 76, 5.811, 86.569

74, 12.996, 85.326

78, 1.185, 268.100

71, 20.367, 84.006

81, 8.004, 269.107

69, 27.905, 82.644

83, 14.658,
270.238

67, 35.560, 81.241

86, 21.160,
271.326

65, 43.214, 79.786

63, 50.635, 78.244

88, 19.146,
260.903

61, 57.398, 76.542

89, 17.448,
247.188

59, 62.824, 74.532

57, 66.327, 72.056

91, 16.883,
231.746

93, 17.532,
216.512

95, 19.243,
203.283

Harmonies

Complementary

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



76, 5.811, 86.569



74, 5.791, 268.798

Rectangle

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



76, 5.811, 86.569



76, 5.811, 136.569



76, 5.811, 266.569



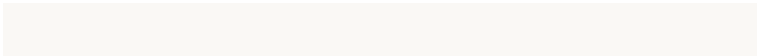
76, 5.811, 316.569

Sweetspot

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



76, 5.812, 86.589



98, 1.708, 87.231



74, 6.880, 351.140



52, 0.970, 87.234



99, 0.012, 296.813



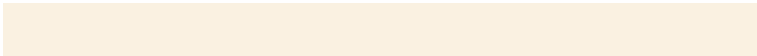
52, 0.007, 296.813

Same Dimension

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



76, 5.812, 86.589



95, 8.671, 86.361



77, 8.572, 114.112



40, 3.994, 86.458



48, 58.431, 72.111



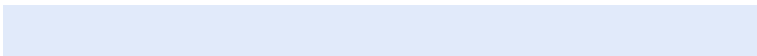
8, 12.095, 73.442

Inverse Universe

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



74, 5.791, 268.798



93, 8.623, 269.052



73, 8.740, 295.442



38, 3.975, 268.943



29, 63.931, 293.687



3, 14.537, 277.827

Previews

White Background



This preview shows how the CIELCh color 76, 5.811, 86.569 looks on a white background.

Color Contrast Check

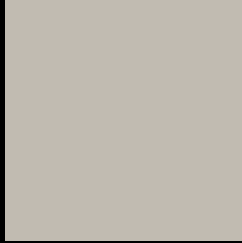
Large Text (above 18pt) WCAG AA × Fail

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, 5.811, 86.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

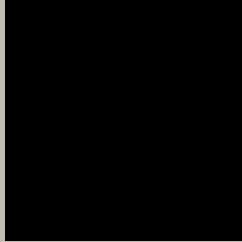
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

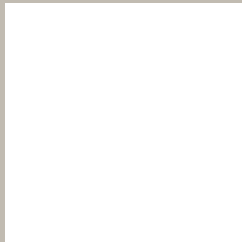
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.811, 86.569

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.811, 86.569.

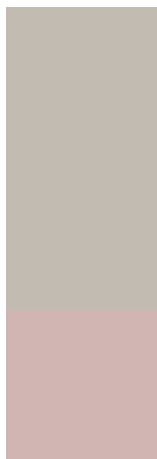


This preview shows how white text looks on a background with the CIELCh color 76, 5.811, 86.569.

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, 5.811, 86.569

Protanopia

76, 5.811, 86.569

Deuteranopia

76, 10.883, 28.692



Tritanopia
76, 8.767, 320.792

Trichromacy



Original Color
76, 5.811, 86.569

Protanomaly
76, 5.811, 86.569

Deuteranomaly
76, 8.105, 39.195

Tritanomaly
76, 4.606, 343.982

Monochromacy



Original Color
76, 5.811, 86.569

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.260, 90.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.811, 86.569 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(193, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 177)  
}
```

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(193, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.811, 86.569 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(193, 187, 177) }
```

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

```
.border{ border-color:rgb(193, 187, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.811, 86.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 177) }
```

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

```
.background{ background-color: rgb(193,  
187, 177) }
```

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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