

Converting Colors

CIELCh(78, 5.860, 72.457)

Have a look what the booklet for
CIELCh(78, 5.860, 72.457) contains.

CIELCh(78, 5.686, 68.097)	3
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Color

CIELCh(78, 5.686, 68.097)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFB7
RGB	201, 191, 183
RGB Percent	79%, 75%, 72%
CMY	0.2110, 0.2502, 0.2816
CMYK	0.00, 0.05, 0.09, 0.21
HSL	27°, 14%, 75%
HSV	27°, 9%, 79%
XYZ	51.3749, 53.2120, 52.4630
YIQ	193.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

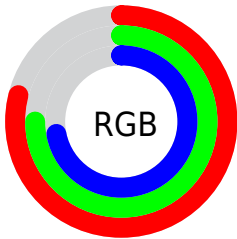
Format	Color
R_{YB}	201, 197, 183
Decimal	13221815
CIE Lab	78.00, 2.12, 5.28
CIE LCh	78, 5.686, 68.097
Yxy	53.2120, 0.3271, 0.3388
Android (android.graphics.Color)	4291411895 (0xFFC9BFB7)
YUV	193.0780, -4.9685, 6.9476
Hunter-Lab	72.9466, -1.9423, 8.4213

Details

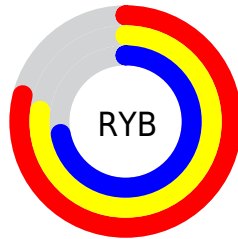
The CIELCh color $78, 5.686, 68.097$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.527, 250.350$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 4.955, 74.563$, and $58, 5.802, 70.790$ is the 20% darker color. If you saturate the color by 10%, you get $75, 12.384, 67.031$, and if you desaturate by 10%, it is $81, 0.658, 249.942$.

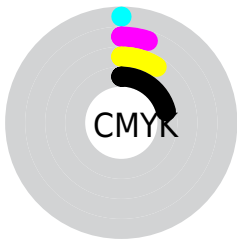
Distribution



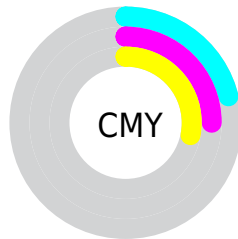
- Red (79%)
- Green (75%)
- Blue (72%)



- Red (79%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.686, 68.097 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 78, 5.686, 68.097 by changing the saturation by 10% instead.

 78, 5.686, 68.097  78, 5.686, 68.097

 100, 5.686, 68.097  68, 5.686, 68.097

 98, 5.686, 68.097  58, 5.686, 68.097

 48, 5.686, 68.097

 38, 5.686, 68.097

 28, 5.686, 68.097

 18, 5.686, 68.097

 8, 5.686, 68.097

 0, 5.686, 68.097

 78, 5.686, 68.097  78, 5.686, 68.097

75, 12.384, 67.031

81, 0.658, 249.942

71, 19.466, 65.918

85, 6.686, 250.483

68, 26.953, 64.812

88, 12.433,
251.537

65, 34.842, 63.719

91, 14.867,
240.817

62, 43.075, 62.629

59, 51.492, 61.501

94, 15.530,
213.867

57, 59.725, 60.222

96, 17.738,
198.331

54, 67.046, 58.547

52, 72.665, 56.243

Harmonies

Complementary

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



78, 5.686, 68.097



78, 5.527, 250.350

Rectangle

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



78, 5.686, 68.097



78, 5.686, 118.097



78, 5.686, 248.097



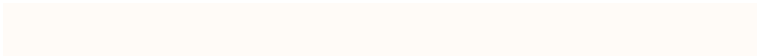
78, 5.686, 298.097

Sweetspot

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



78, 5.686, 68.121



99, 2.270, 68.640



76, 8.667, 340.878



52, 1.726, 68.595



0, 0.000, 0.000



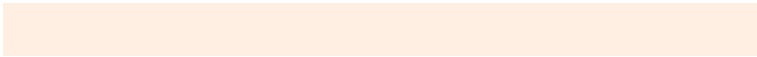
53, 0.007, 296.813

Same Dimension

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



78, 5.686, 68.121



95, 8.526, 67.887



80, 8.910, 106.453



40, 3.575, 68.076



42, 62.454, 56.646



7, 12.997, 51.114

Inverse Universe

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



78, 5.527, 250.350



95, 8.218, 250.629



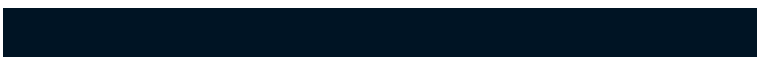
75, 9.074, 288.332



40, 3.469, 250.403



38, 45.829, 277.584



6, 13.142, 264.979

Previews

White Background



This preview shows how the CIELCh color 78, 5.686, 68.097 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 78, 5.686, 68.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

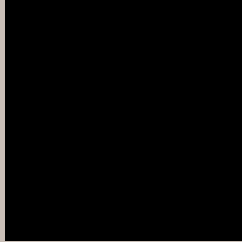
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

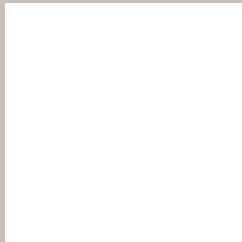
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.686, 68.097

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.686, 68.097.

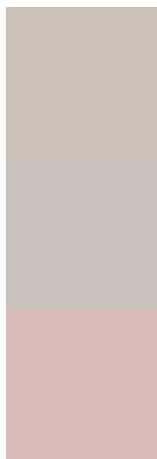


This preview shows how white text looks on a background with the CIELCh color 78, 5.686, 68.097.

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


78, 5.686, 68.097

Protanopia

78, 4.812, 81.789

Deuteranopia

78, 11.119, 25.727



Tritanopia
78, 9.979, 326.578

Trichromacy



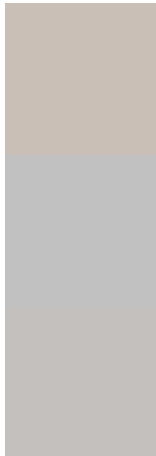
Original Color
78, 5.686, 68.097

Protanomaly
78, 4.999, 77.941

Deuteranomaly
78, 8.631, 34.256

Tritanomaly
78, 6.413, 344.155

Monochromacy



Original Color
78, 5.686, 68.097

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.170, 66.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.686, 68.097 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(201, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 183)  
}
```

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(201, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.686, 68.097 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(201, 191, 183) }
```

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

```
.border{ border-color:rgb(201, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.686, 68.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 183) }
```

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

```
.background{ background-color: rgb(201,  
191, 183) }
```

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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