

Converting Colors

CIELCh(78, 4.198, 186.287)

Have a look what the booklet for
CIELCh(78, 4.198, 186.287) contains.

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Color

CIELCh(78, 4.038, 191.597)

Conversions

Conversions Part 1

Format	Color
Hex	B8C3C2
RGB	184, 195, 194
RGB Percent	72%, 76%, 76%
CMY	0.2778, 0.2347, 0.2386
CMYK	0.06, 0.00, 0.01, 0.23
HSL	175°, 8%, 74%
HSV	175°, 6%, 77%
XYZ	49.1095, 53.2120, 58.8138
YIQ	191.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

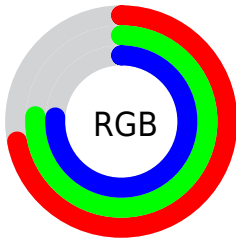
Format	Color
RYB	184, 190, 195
Decimal	12108738
CIELab	78.00, -3.96, -0.81
CIELCh	78, 4.038, 191.597
Yxy	53.2120, 0.3048, 0.3302
Android (android.graphics.Color)	4290298818 (0xFFB8C3C2)
YUV	191.5970, 1.1847, -6.6626
Hunter-Lab	72.9466, -7.4856, 3.2595

Details

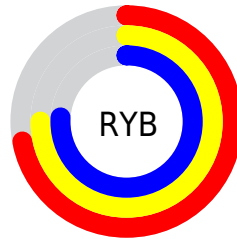
The CIELCh color **78, 4.038, 191.597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 4.161, 12.188**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 4.301, 185.558**, and **58, 3.897, 190.726** is the 20% darker color. If you saturate the color by 10%, you get **77, 10.978, 190.741**, and if you desaturate by 10%, it is **80, 3.177, 12.025**.

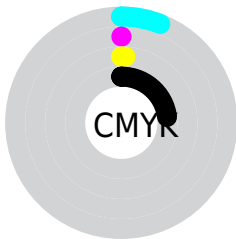
Distribution



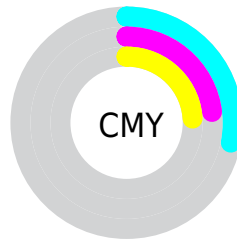
- Red (72%)
- Green (76%)
- Blue (76%)



- Red (72%)
- Yellow (75%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.038, 191.597 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, 4.038, 191.597 by changing the saturation by 10% instead.

■ 78, 4.038, 191.597

■ 78, 4.038, 191.597

■ 100, 4.038,
191.597

■ 68, 4.038, 191.597

■ 98, 4.038, 191.597

■ 58, 4.038, 191.597

■ 48, 4.038, 191.597

■ 38, 4.038, 191.597

■ 28, 4.038, 191.597

■ 18, 4.038, 191.597

■ 8, 4.038, 191.597

■ 0, 4.038, 191.597

■ 78, 4.038, 191.597

■ 78, 4.038, 191.597

77, 10.978,
190.741

80, 3.177, 12.025

75, 17.533,
189.964

81, 10.576, 12.882

74, 23.586,
189.188

83, 18.080, 13.636

73, 29.018,
188.400

84, 22.847, 13.243

73, 33.720,
187.589

84, 22.915, 10.935

72, 37.604,
186.744

84, 23.022, 8.644

72, 40.621,
185.847

84, 23.167, 6.380

71, 42.773,
184.883

84, 23.351, 4.149

71, 44.128,

84, 23.572, 1.959

183.834

Harmonies

Complementary

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



78, 4.038, 191.597



76, 4.161, 12.188

Rectangle

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



78, 4.038, 191.597



78, 4.038, 241.597



78, 4.038, 11.597



78, 4.038, 61.597

Sweetspot

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



78, 4.039, 191.576



99, 1.775, 192.076



78, 6.968, 141.466



53, 1.017, 192.102



0, 0.000, 0.000



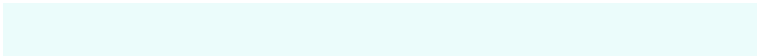
53, 0.007, 296.813

Same Dimension

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



78, 4.039, 191.576



98, 6.163, 191.439



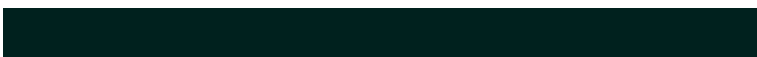
77, 3.336, 244.625



40, 3.219, 191.405



59, 38.545, 183.536



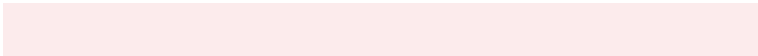
10, 13.168, 186.404

Inverse Universe

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



76, 4.161, 12.188



94, 6.396, 12.338



77, 3.402, 63.199



39, 3.348, 12.376



33, 70.168, 35.809



3, 14.069, 14.435

Previews

White Background



This preview shows how the CIE LCh color 78, 4.038, 191.597 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 CIE LCh color 78, 4.038, 191.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

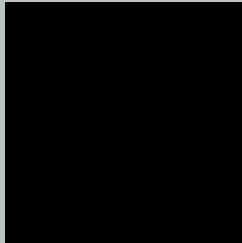
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

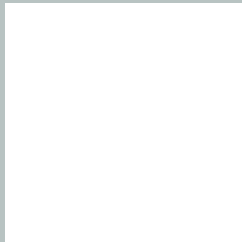
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 4.038, 191.597

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.038, 191.597.



This preview shows how white text looks on a background with the CIELCh color 78, 4.038, 191.597.

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](#).

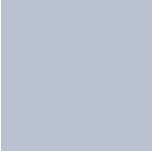
Dichromacy



Original Color
78, 4.038, 191.597

Protanopia
78, 1.479, 19.161

Deuteranopia
78, 9.824, 350.915



Tritanopia
78, 8.359, 273.725

Trichromacy



Original Color
78, 4.038, 191.597

Protanomaly
78, 0.366, 200.845

Deuteranomaly
78, 4.889, 346.554

Tritanomaly
78, 5.737, 256.626

Monochromacy



Original Color
78, 4.038, 191.597

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.463, 199.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.038, 191.597 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(184, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 194)  
}
```

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(184, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.038, 191.597 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(184, 195, 194) }
```

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

```
.border{ border-color:rgb(184, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.038, 191.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 194) }
```

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

```
.background{ background-color: rgb(184,  
195, 194) }
```

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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