

Converting Colors

CIELCh(78, 8.548, 189.278)

Have a look what the booklet for
CIELCh(78, 8.548, 189.278) contains.

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Color

CIELCh(78, 8.769, 188.210)

Conversions

Conversions Part 1

Format	Color
Hex	AEC6C3
RGB	174, 198, 195
RGB Percent	68%, 78%, 76%
CMY	0.3184, 0.2242, 0.2360
CMYK	0.12, 0.00, 0.02, 0.22
HSL	172°, 17%, 73%
HSV	172°, 12%, 78%
XYZ	47.3954, 53.2120, 59.2922
YIQ	190.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

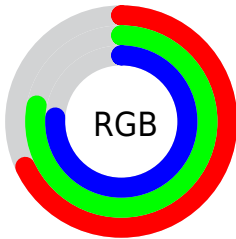
Format	Color
RYB	174, 187, 198
Decimal	11454147
CIELab	78.00, -8.68, -1.25
CIELCh	78, 8.769, 188.210
Yxy	53.2120, 0.2964, 0.3328
Android (android.graphics.Color)	4289644227 (0xFFAEC6C3)
YUV	190.4820, 2.2274, -14.4547
Hunter-Lab	72.9466, -11.6802, 2.8707

Details

The CIELCh color **78, 8.769, 188.210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 9.300, 10.142**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.730, 188.809**, and **58, 8.870, 187.464** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.655, 187.346**, and if you desaturate by 10%, it is **79, 1.564, 189.286**.

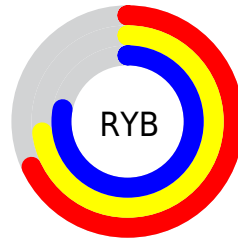
Distribution



Red (68%)

Green (78%)

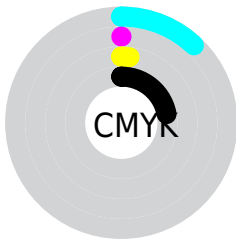
Blue (76%)



Red (68%)

Yellow (73%)

Blue (78%)

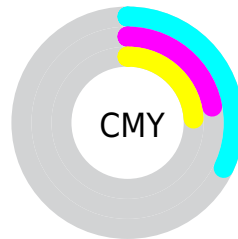


Cyan (12%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.769, 188.210 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, 8.769, 188.210 by changing the saturation by 10% instead.

■ 78, 8.769, 188.210

■ 78, 8.769, 188.210

■ 100, 8.769,
188.210

■ 68, 8.769, 188.210

■ 98, 8.769, 188.210

■ 58, 8.769, 188.210

■ 48, 8.769, 188.210

■ 38, 8.769, 188.210

■ 28, 8.769, 188.210

■ 18, 8.769, 188.210

■ 8, 8.769, 188.210

■ 0, 8.769, 188.210

■ 78, 8.769, 188.210

■ 78, 8.769, 188.210

77, 15.655,
187.346

79, 1.564, 189.286

76, 22.103,
186.483

81, 5.859, 9.651

75, 27.991,
185.591

83, 13.411, 10.477

74, 33.201,
184.656

85, 21.949, 8.339

73, 37.631,
183.664

85, 22.174, 5.056

73, 41.210,
182.595

85, 22.475, 1.853

72, 43.915,
181.430

85, 22.849,
358.749

72, 45.788,
180.149

85, 23.291,
355.758

72, 46.837,

179.080

Harmonies

Complementary

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



78, 8.769, 188.210



73, 9.300, 10.142

Rectangle

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



78, 8.769, 188.210



78, 8.769, 238.210



78, 8.769, 8.210



78, 8.769, 58.210

Sweetspot

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



78, 8.770, 188.201



99, 3.601, 188.972



78, 15.063, 140.170



53, 2.556, 188.883



0, 0.000, 0.000



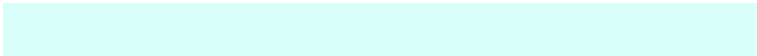
53, 0.007, 296.813

Same Dimension

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



78, 8.770, 188.201



97, 13.245, 187.935



76, 7.101, 241.142



41, 4.138, 188.442



60, 40.523, 179.291



12, 14.208, 182.704

Inverse Universe

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



73, 9.300, 10.142



90, 14.265, 10.468



75, 7.506, 58.668



39, 4.329, 9.861



34, 69.556, 33.995



3, 16.011, 12.946

Previews

White Background



This preview shows how the CIELCh color 78, 8.769, 188.210 looks on a white background.

Color Contrast Check

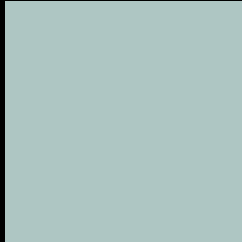
Large Text (above 18pt) WCAG AA × Fail

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, 8.769, 188.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

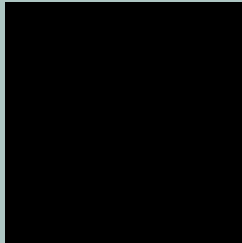
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

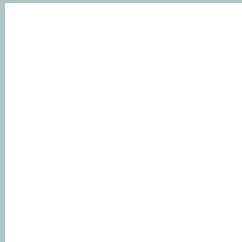
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.769, 188.210

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.769, 188.210.



This preview shows how white text looks on a background with the CIELCh color 78, 8.769, 188.210.

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, 8.769, 188.210

Protanopia

78, 1.567, 39.084

Deuteranopia

78, 9.772, 347.051



Tritanopia
78, 10.463, 254.365

Trichromacy



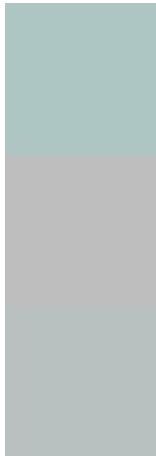
Original Color
78, 8.769, 188.210

Protanomaly
78, 2.454, 173.600

Deuteranomaly
78, 3.271, 324.503

Tritanomaly
78, 8.412, 234.090

Monochromacy



Original Color
78, 8.769, 188.210

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.332, 190.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.769, 188.210 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(174, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 195)  
}
```

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(174, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.769, 188.210 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(174, 198, 195) }
```

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

```
.border{ border-color:rgb(174, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.769, 188.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 195) }
```

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

```
.background{ background-color: rgb(174,  
198, 195) }
```

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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