

Converting Colors

CIELCh(76, 8.870, 198.808)

Have a look what the booklet for
CIELCh(76, 8.870, 198.808) contains.

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Color

CIELCh(76, 8.916, 198.769)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0C0
RGB	167, 192, 192
RGB Percent	65%, 75%, 75%
CMY	0.3440, 0.2459, 0.2459
CMYK	0.13, 0.00, 0.00, 0.25
HSL	180°, 17%, 71%
HSV	180°, 13%, 75%
XYZ	44.4521, 49.8872, 57.3195
YIQ	184.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

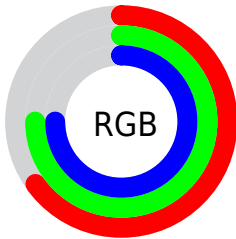
Format	Color
RYB	167, 180, 192
Decimal	10993856
CIELab	76.00, -8.44, -2.87
CIELCh	76, 8.916, 198.769
Yxy	49.8872, 0.2931, 0.3289
Android (android.graphics.Color)	4289183936 (0xFFA7C0C0)
YUV	184.5250, 3.6852, -15.3694
Hunter-Lab	70.6309, -11.2637, 1.3257

Details

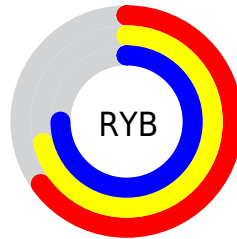
The CIELCh color **76, 8.916, 198.769** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 9.683, 20.200**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.893, 198.904**, and **56, 8.985, 198.565** is the 20% darker color. If you saturate the color by 10%, you get **75, 15.298, 198.245**, and if you desaturate by 10%, it is **77, 2.112, 199.483**.

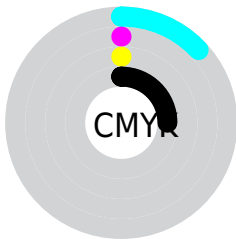
Distribution



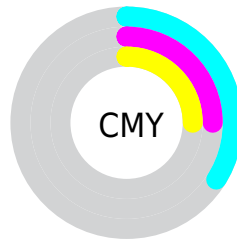
- Red (65%)
- Green (75%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.916, 198.769 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, 8.916, 198.769 by changing the saturation by 10% instead.

■ 76, 8.916, 198.769

■ 76, 8.916, 198.769

■ 100, 8.916,
198.769

■ 66, 8.916, 198.769

■ 96, 8.916, 198.769

■ 56, 8.916, 198.769

■ 46, 8.916, 198.769

■ 36, 8.916, 198.769

■ 26, 8.916, 198.769

■ 16, 8.916, 198.769

■ 6, 8.916, 198.769

■ 0, 8.916, 198.769

■ 76, 8.916, 198.769

■ 76, 8.916, 198.769

75, 15.298,
198.245

77, 2.112, 199.483

74, 21.143,
197.794

79, 5.014, 19.685

73, 26.341,
197.402

81, 12.366, 20.337

72, 30.790,
197.073

83, 24.123, 21.310

72, 34.410,
196.809

83, 24.123, 21.307

71, 37.159,
196.611

83, 24.123, 21.304

71, 39.039,
196.476

83, 24.123, 21.301

71, 40.111,
196.398

83, 24.122, 21.298

71, 40.531,

Harmonies

Complementary

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



76, 8.916, 198.769



71, 9.683, 20.200

Rectangle

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



76, 8.916, 198.769



76, 8.916, 248.769



76, 8.916, 18.769



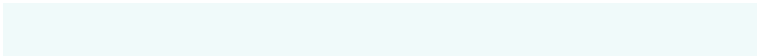
76, 8.916, 68.769

Sweetspot

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



76, 8.917, 198.759



98, 3.468, 199.360



75, 16.394, 143.249



52, 2.460, 199.289



99, 0.012, 296.813



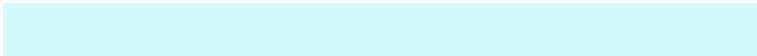
52, 0.007, 296.813

Same Dimension

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



76, 8.917, 198.759



96, 13.446, 198.584



73, 7.928, 255.344



40, 3.949, 198.970



60, 35.478, 196.368



11, 12.444, 196.378

Inverse Universe

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



71, 9.683, 20.200



87, 14.926, 20.472



74, 8.215, 72.000



38, 4.187, 19.910



33, 73.723, 39.719



3, 13.999, 19.398

Previews

White Background



This preview shows how the CIELCh color 76, 8.916, 198.769 looks on a white background.

Color Contrast Check

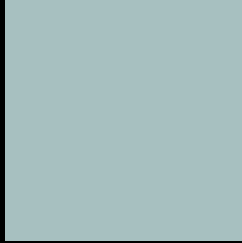
Large Text (above 18pt) WCAG AA × Fail

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 76, 8.916, 198.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

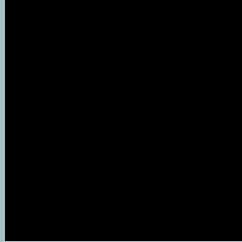
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

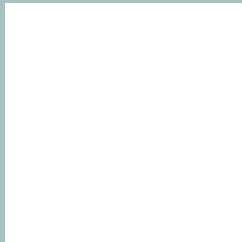
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.916, 198.769

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.916, 198.769.

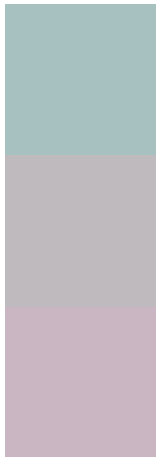


This preview shows how white text looks on a background with the CIELCh color 76, 8.916, 198.769.

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

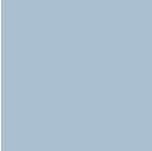
76, 8.916, 198.769

Protanopia

76, 2.209, 332.333

Deuteranopia

76, 10.495, 338.491



Tritanopia
76, 10.508, 249.522

Trichromacy



Original Color
76, 8.916, 198.769

Protanomaly
76, 2.428, 225.825

Deuteranomaly
76, 4.579, 309.223

Tritanomaly
76, 9.009, 231.600

Monochromacy



Original Color
76, 8.916, 198.769

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.289, 199.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.916, 198.769 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(167, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 192)  
}
```

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(167, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.916, 198.769 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(167, 192, 192) }
```

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

```
.border{ border-color:rgb(167, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.916, 198.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 192) }
```

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

```
.background{ background-color: rgb(167,  
192, 192) }
```

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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