

Converting Colors

CIELCh(76, 11.964, 203.587)

Have a look what the booklet for
CIELCh(76, 11.964, 203.587)
contains.

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Color

CIELCh(76, 11.908, 203.758)

Conversions

Conversions Part 1

Format	Color
Hex	A0C2C4
RGB	160, 194, 196
RGB Percent	63%, 76%, 77%
CMY	0.3735, 0.2402, 0.2324
CMYK	0.18, 0.01, 0.00, 0.23
HSL	183°, 23%, 70%
HSV	183°, 18%, 77%
XYZ	43.6132, 49.8872, 59.3978
YIQ	184.0620, -20.9060, -6.5860

Conversions

Conversions Part 2

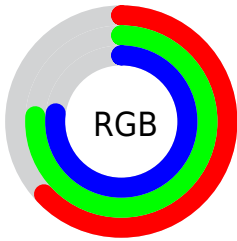
Format	Color
RYB	160, 177, 196
Decimal	10535620
CIELab	76.00, -10.90, -4.80
CIELCh	76, 11.908, 203.758
Yxy	49.8872, 0.2852, 0.3263
Android (android.graphics.Color)	4288725700 (0xFFA0C2C4)
YUV	184.0620, 5.8854, -21.1024
Hunter-Lab	70.6309, -13.3838, -0.4190

Details

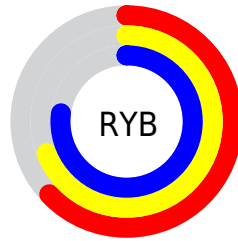
The CIELCh color **76, 11.908, 203.758** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 13.457, 25.185**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 12.129, 203.563**, and **56, 11.704, 203.966** is the 20% darker color. If you saturate the color by 10%, you get **75, 17.757, 203.517**, and if you desaturate by 10%, it is **78, 5.588, 204.097**.

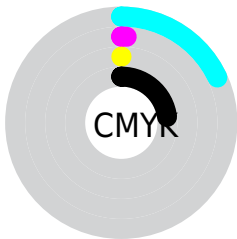
Distribution



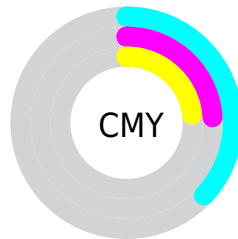
- Red (63%)
- Green (76%)
- Blue (77%)



- Red (63%)
- Yellow (69%)
- Blue (77%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (37%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.908, 203.758 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, 11.908, 203.758 by changing the saturation by 10% instead.


 76, 11.908,
203.758


 76, 11.908,
203.758


 100, 11.908,
203.758


 66, 11.908,
203.758


 96, 11.908,
203.758

 56, 11.908,
203.758

 46, 11.908,
203.758

 36, 11.908,
203.758

 26, 11.908,
203.758

 16, 11.908,
203.758

 6, 11.908, 203.758

0, 11.908, 203.758

76, 11.908,
203.758

76, 11.908,
203.758

75, 17.757,
203.517

78, 5.588, 204.097

73, 23.024,
203.383

79, 1.100, 23.857

72, 27.603,
203.364

81, 8.063, 24.689

71, 31.399,
203.476

83, 15.222, 25.158

70, 34.344,
203.739

85, 21.484, 25.772

85, 21.138, 27.332

70, 36.409,
204.170

86, 20.809, 28.943

86, 20.497, 30.606

■ 69, 37.622,
204.784

■ 86, 20.204, 32.318

■ 69, 38.115,
205.576

■ 68, 38.172,
205.710

Harmonies

Complementary

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



76, 11.908, 203.758



69, 13.457, 25.185

Rectangle

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



76, 11.908, 203.758



76, 11.908, 253.758



76, 11.908, 23.758



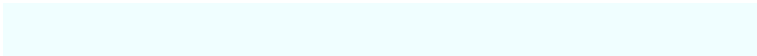
76, 11.908, 73.758

Sweetspot

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



76, 11.909, 203.751



99, 4.983, 204.210



76, 22.899, 144.641



53, 3.300, 204.175



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 11.909, 203.751



96, 17.434, 203.646



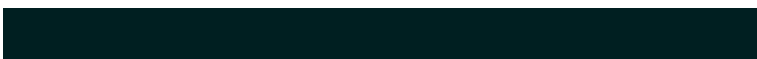
71, 12.047, 263.284



40, 3.737, 204.056



57, 33.002, 205.564



10, 11.692, 203.410

Inverse Universe

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



70, 22.839, 326.983



87, 33.891, 327.208



74, 12.451, 78.283



38, 6.958, 326.464



37, 78.359, 330.543



4, 23.003, 328.250

Previews

White Background



This preview shows how the CIELCh color 76, 11.908, 203.758 looks on a white background.

Color Contrast Check

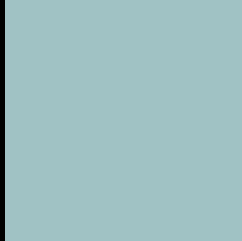
Large Text (above 18pt) WCAG AA × Fail

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, 11.908, 203.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

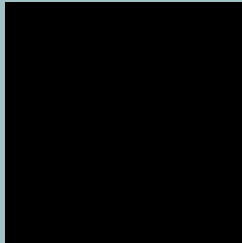
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

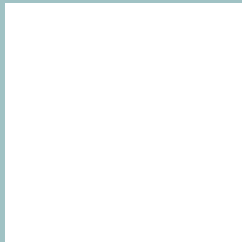
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.908, 203.758

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.908, 203.758.



This preview shows how white text looks on a background with the CIELCh color 76, 11.908, 203.758.

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](#).

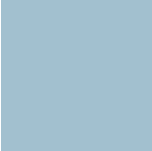
Dichromacy



Original Color
76, 11.908, 203.758

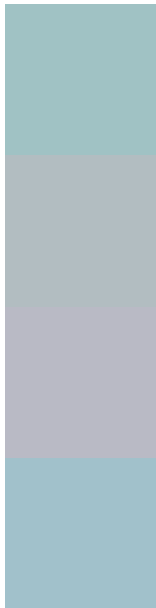
Protanopia
76, 2.930, 312.541

Deuteranopia
76, 11.559, 327.955



Tritanopia
76, 12.845, 237.962

Trichromacy



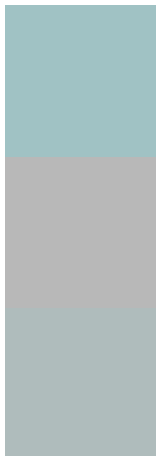
Original Color
76, 11.908, 203.758

Protanomaly
76, 4.482, 228.012

Deuteranomaly
76, 5.938, 287.258

Tritanomaly
76, 12.117, 225.190

Monochromacy



Original Color
76, 11.908, 203.758

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.728, 199.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.908, 203.758 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(160, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 196)  
}
```

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(160, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.908, 203.758 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(160, 194, 196) }
```

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

```
.border{ border-color:rgb(160, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.908, 203.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 196) }
```

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

```
.background{ background-color: rgb(160,  
194, 196) }
```

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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