

Converting Colors

CIELCh(76, 11.208, 196.681)

Have a look what the booklet for
CIELCh(76, 11.208, 196.681)
contains.

CIELCh(76, 11.330, 195.838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 11.330, 195.838)

Conversions

Conversions Part 1

Format	Color
Hex	A2C2C1
RGB	162, 194, 193
RGB Percent	64%, 76%, 76%
CMY	0.3662, 0.2407, 0.2446
CMYK	0.17, 0.00, 0.01, 0.24
HSL	178°, 21%, 70%
HSV	178°, 17%, 76%
XYZ	43.6129, 49.8872, 57.5577
YIQ	184.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

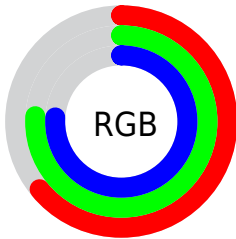
Format	Color
RYB	162, 178, 194
Decimal	10666689
CIELab	76.00, -10.90, -3.09
CIElCh	76, 11.330, 195.838
Yxy	49.8872, 0.2887, 0.3303
Android (android.graphics.Color)	4288856769 (0xFFA2C2C1)
YUV	184.3180, 4.2802, -19.5729
Hunter-Lab	70.6309, -13.3847, 1.1257

Details

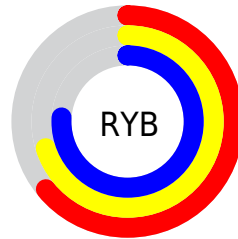
The CIELCh color **76, 11.330, 195.838** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 12.524, 18.022**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.616, 193.637**, and **56, 11.076, 198.358** is the 20% darker color. If you saturate the color by 10%, you get **75, 17.636, 195.230**, and if you desaturate by 10%, it is **77, 4.585, 196.508**.

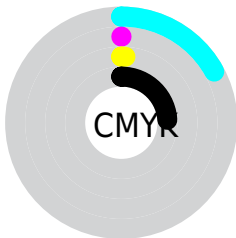
Distribution



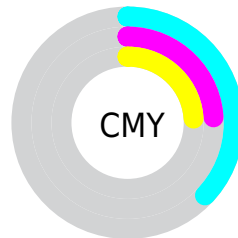
- Red (64%)
- Green (76%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.330, 195.838 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, 11.330, 195.838 by changing the saturation by 10% instead.


 76, 11.330,
195.838


 76, 11.330,
195.838


 100, 11.330,
195.838


 66, 11.330,
195.838


 96, 11.330,
195.838

 56, 11.330,
195.838

 46, 11.330,
195.838

 36, 11.330,
195.838

 26, 11.330,
195.838

 16, 11.330,
195.838

 6, 11.330, 195.838

0, 11.330, 195.838

76, 11.330,
195.838

76, 11.330,
195.838

75, 17.636,
195.230

77, 4.585, 196.508

74, 23.385,
194.667

79, 2.494, 16.806

73, 28.465,
194.137

80, 9.809, 17.609

72, 32.776,
193.638

82, 17.277, 18.287

72, 36.244,
193.165

84, 23.484, 18.701

71, 38.832,
192.713

84, 23.470, 17.932

84, 23.460, 17.163

84, 23.455, 16.393

■ 71, 40.558,
192.272

■ 84, 23.455, 15.623

■ 71, 41.511,
191.831

■ 71, 41.759,
191.678

Harmonies

Complementary

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



76, 11.330, 195.838



69, 12.524, 18.022

Rectangle

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



76, 11.330, 195.838



76, 11.330, 245.838



76, 11.330, 15.838



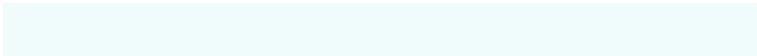
76, 11.330, 65.838

Sweetspot

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



76, 11.331, 195.831



98, 4.372, 196.631



75, 20.863, 142.584



53, 3.003, 196.568



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, 11.331, 195.831



96, 16.827, 195.598



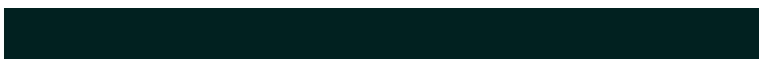
72, 9.972, 253.961



40, 3.962, 196.298



60, 36.351, 191.741



11, 12.661, 192.833

Inverse Universe

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



69, 12.524, 18.022



86, 19.068, 18.394



73, 10.497, 69.761



38, 4.187, 17.384



33, 72.495, 38.453



3, 14.011, 17.693

Previews

White Background



This preview shows how the CIELCh color 76, 11.330, 195.838 looks on a white background.

Color Contrast Check

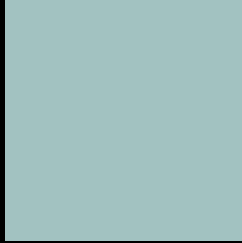
Large Text (above 18pt) WCAG AA × Fail

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 76, 11.330, 195.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

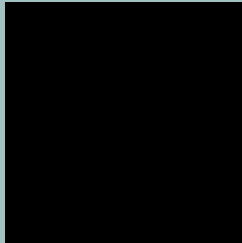
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

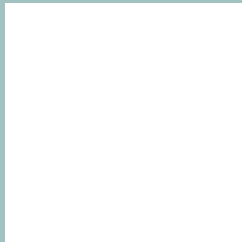
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.330, 195.838

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.330, 195.838.

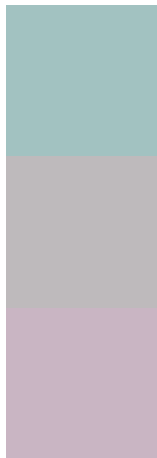


This preview shows how white text looks on a background with the CIELCh color 76, 11.330, 195.838.

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](#).

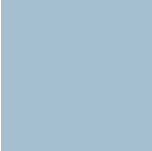
Dichromacy



Original Color
76, 11.330, 195.838

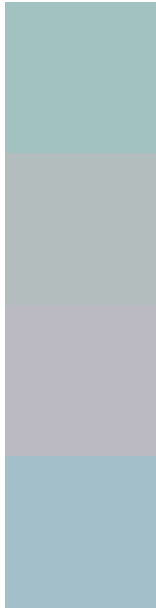
Protanopia
76, 1.847, 343.609

Deuteranopia
76, 10.593, 334.932



Tritanopia
76, 12.446, 242.934

Trichromacy



Original Color
76, 11.330, 195.838

Protanomaly
76, 3.314, 208.667

Deuteranomaly
76, 4.337, 295.411

Tritanomaly
76, 11.254, 227.481

Monochromacy



Original Color
76, 11.330, 195.838

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.014, 199.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.330, 195.838 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(162, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 194, 193)  
}
```

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(162, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 194, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.330, 195.838 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(162, 194, 193) }
```

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

```
.border{ border-color:rgb(162, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 194,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.330, 195.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 194, 193) }
```

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

```
.background{ background-color: rgb(162,  
194, 193) }
```

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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