

Converting Colors

CIELCh(76, 11.518, 215.016)

Have a look what the booklet for
CIELCh(76, 11.518, 215.016)
contains.

CIELCh(76, 11.497, 215.035)	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, 11.497, 215.035)

Conversions

Conversions Part 1

Format	Color
Hex	A1C1C7
RGB	161, 193, 199
RGB Percent	63%, 76%, 78%
CMY	0.3683, 0.2428, 0.2193
CMYK	0.19, 0.03, 0.00, 0.22
HSL	189°, 25%, 71%
HSV	189°, 19%, 78%
XYZ	44.1190, 49.8872, 61.3853
YIQ	184.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

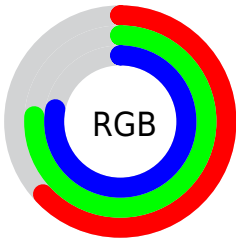
Format	Color
RYB	161, 178, 199
Decimal	10600903
CIELab	76.00, -9.41, -6.60
CIELCh	76, 11.497, 215.035
Yxy	49.8872, 0.2839, 0.3210
Android (android.graphics.Color)	4288790983 (0xFFA1C1C7)
YUV	184.1160, 7.3378, -20.2727
Hunter-Lab	70.6309, -12.1055, -2.0873

Details

The CIELCh color **76, 11.497, 215.035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.063, 34.785**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.415, 214.483**, and **56, 11.291, 216.265** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.926, 215.362**, and if you desaturate by 10%, it is **78, 5.633, 214.878**.

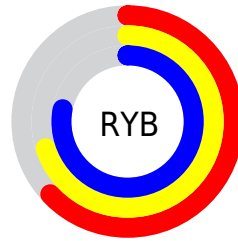
Distribution



Red (63%)

Green (76%)

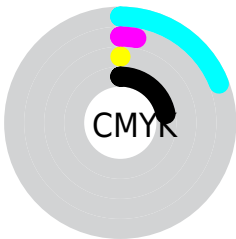
Blue (78%)



Red (63%)

Yellow (70%)

Blue (78%)

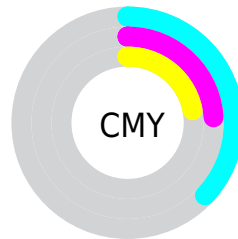


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (37%)


Magenta (24%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.497, 215.035 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, 11.497, 215.035 by changing the saturation by 10% instead.


 76, 11.497,
215.035


 76, 11.497,
215.035


 100, 11.497,
215.035


 66, 11.497,
215.035


 96, 11.497,
215.035

 56, 11.497,
215.035

 46, 11.497,
215.035

 36, 11.497,
215.035

 26, 11.497,
215.035

 16, 11.497,
215.035

 6, 11.497, 215.035

0, 11.497, 215.035

76, 11.497,
215.035

76, 11.497,
215.035

74, 16.926,
215.362

78, 5.633, 214.878

80, 0.577, 33.748

72, 21.820,
215.897

83, 7.049, 34.634

70, 26.082,
216.675

85, 13.717, 34.754

69, 29.622,
217.751

87, 18.391, 36.449

88, 17.804, 42.352

67, 32.378,
219.189

89, 17.423, 48.583

66, 34.327,
221.058

90, 17.260, 55.005

■ 65, 35.508,
223.420

■ 90, 17.320, 61.458

■ 63, 36.091,
226.266

■ 63, 36.139,
226.531

Harmonies

Complementary

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



76, 11.497, 215.035



71, 13.063, 34.785

Rectangle

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



76, 11.497, 215.035



76, 11.497, 265.035



76, 11.497, 35.035



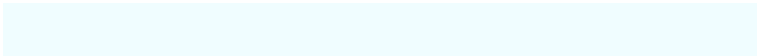
76, 11.497, 85.035

Sweetspot

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



76, 11.497, 215.027



98, 4.581, 214.890



77, 22.466, 147.565



52, 3.033, 214.883



0, 0.000, 0.000



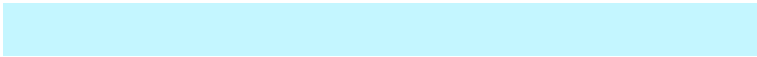
53, 0.007, 296.813

Same Dimension

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



76, 11.497, 215.027



94, 16.703, 215.147



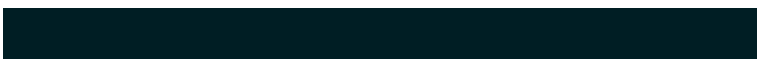
71, 14.133, 272.486



41, 3.509, 214.879



53, 31.188, 226.040



9, 11.352, 218.893

Inverse Universe

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



71, 22.402, 330.242



86, 33.023, 330.509



76, 14.244, 87.339



39, 6.620, 329.632



37, 73.243, 335.616



4, 23.305, 333.023

Previews

White Background



This preview shows how the CIELCh color 76, 11.497, 215.035 looks on a white background.

Color Contrast Check

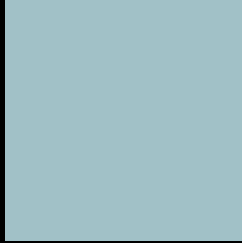
Large Text (above 18pt) WCAG AA × Fail

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, 11.497, 215.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

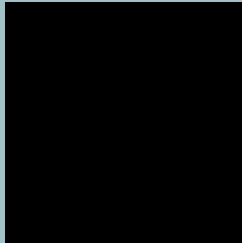
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 11.497, 215.035

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.497, 215.035.



This preview shows how white text looks on a background with the CIELCh color 76, 11.497, 215.035.

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](#).

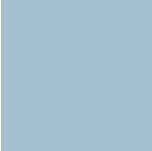
Dichromacy



Original Color
76, 11.497, 215.035

Protanopia
76, 4.919, 299.147

Deuteranopia
76, 11.836, 320.467



Tritanopia
76, 12.595, 238.906

Trichromacy



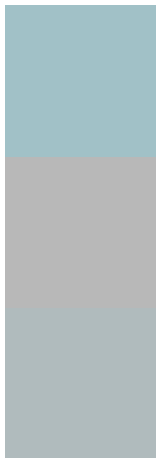
Original Color
76, 11.497, 215.035

Protanomaly
76, 5.400, 243.612

Deuteranomaly
76, 7.551, 288.169

Tritanomaly
76, 12.009, 231.476

Monochromacy



Original Color
76, 11.497, 215.035

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.121, 214.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.497, 215.035 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(161, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(161, 193, 199)  
}
```

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(161, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 193, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.497, 215.035 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(161, 193, 199) }
```

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

```
.border{ border-color:rgb(161, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(161, 193,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.497, 215.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 193, 199) }
```

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

```
.background{ background-color: rgb(161,  
193, 199) }
```

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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