

Converting Colors

CIELCh(77, 9.460, 221.699)

Have a look what the booklet for
CIELCh(77, 9.460, 221.699) contains.

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Color

CIELCh(77, 9.583, 218.521)

Conversions

Conversions Part 1

Format	Color
Hex	A9C3C9
RGB	169, 195, 201
RGB Percent	66%, 76%, 79%
CMY	0.3382, 0.2363, 0.2127
CMYK	0.16, 0.03, 0.00, 0.21
HSL	191°, 23%, 72%
HSV	191°, 16%, 79%
XYZ	46.2822, 51.5317, 62.6109
YIQ	187.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

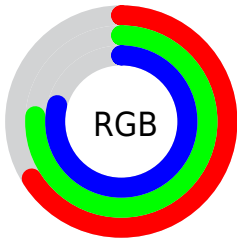
Format	Color
R _Y B	169, 183, 201
Decimal	11125705
CIE Lab	77.00, -7.50, -5.97
CIE LCh	77, 9.583, 218.521
Yxy	51.5317, 0.2885, 0.3212
Android (android.graphics.Color)	4289315785 (0xFFA9C3C9)
YUV	187.9100, 6.4534, -16.5841
Hunter-Lab	71.7856, -10.5409, -1.4624

Details

The CIELCh color $77, 9.583, 218.521$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 10.628, 37.822$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 9.246, 208.484$, and $57, 9.669, 219.464$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.110, 218.961$, and if you desaturate by 10%, it is $79, 3.665, 218.295$.

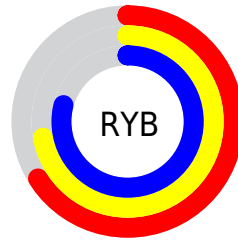
Distribution



Red (66%)

Green (76%)

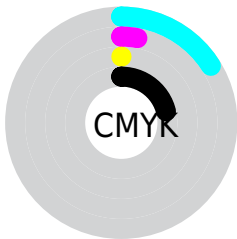
Blue (79%)



Red (66%)

Yellow (72%)

Blue (79%)

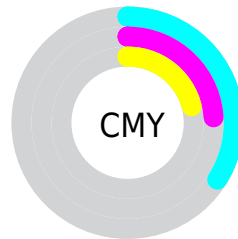


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (34%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.583, 218.521 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 77, 9.583, 218.521 by changing the saturation by 10% instead.

■ 77, 9.583, 218.521

■ 77, 9.583, 218.521

■ 100, 9.583,
218.521

■ 67, 9.583, 218.521

■ 97, 9.583, 218.521

■ 57, 9.583, 218.521

■ 47, 9.583, 218.521

■ 37, 9.583, 218.521

■ 27, 9.583, 218.521

■ 17, 9.583, 218.521

■ 7, 9.583, 218.521

■ 0, 9.583, 218.521

■ 77, 9.583, 218.521

■ 77, 9.583, 218.521

75, 15.110,
218.961

79, 3.665, 218.295

73, 20.152,
219.629

82, 2.560, 37.750

84, 9.019, 37.819

71, 24.615,
220.563

87, 15.649, 37.836

69, 28.410,
221.823

89, 17.174, 43.054

90, 16.781, 50.835

67, 31.468,
223.483

90, 16.715, 58.821

65, 33.759,
225.622

91, 16.977, 66.699

92, 17.552, 74.179

64, 35.308,
228.318

63, 36.220,
231.617

62, 36.517,

Harmonies

Complementary

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



77, 9.583, 218.521



73, 10.628, 37.822

Rectangle

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



77, 9.583, 218.521



77, 9.583, 268.521



77, 9.583, 38.521



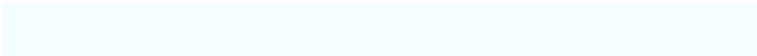
77, 9.583, 88.521

Sweetspot

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



77, 9.583, 218.511



98, 3.757, 218.299



78, 18.417, 148.897



52, 2.558, 218.295



0, 0.000, 0.000



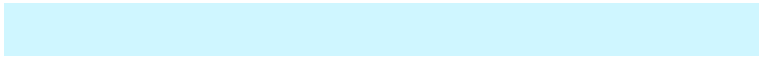
53, 0.007, 296.813

Same Dimension

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



77, 9.583, 218.511



94, 13.737, 218.638



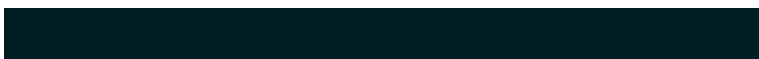
73, 12.311, 274.614



41, 3.445, 218.331



51, 31.285, 232.436



9, 11.207, 224.006

Inverse Universe

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



73, 18.423, 331.062



88, 26.704, 331.278



77, 12.310, 90.442



39, 6.483, 330.638



37, 71.631, 337.297



4, 22.700, 334.404

Previews

White Background



This preview shows how the CIELCh color 77, 9.583, 218.521 looks on a white background.

Color Contrast Check

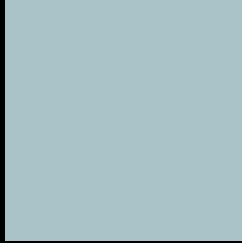
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.583, 218.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

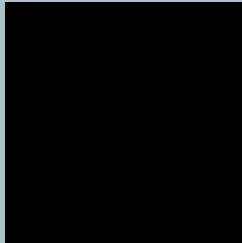
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

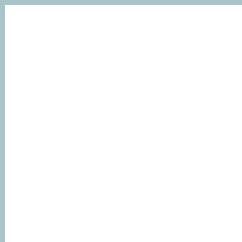
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.583, 218.521

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.583, 218.521.



This preview shows how white text looks on a background with the CIELCh color 77, 9.583, 218.521.

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

77, 9.583, 218.521

Protanopia

77, 4.375, 300.155

Deuteranopia

77, 12.188, 323.485



Tritanopia
77, 11.516, 247.497

Trichromacy



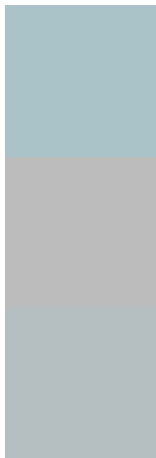
Original Color
77, 9.583, 218.521

Protanomaly
77, 4.691, 252.737

Deuteranomaly
77, 7.577, 296.319

Tritanomaly
77, 10.382, 237.445

Monochromacy



Original Color
77, 9.583, 218.521

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.614, 225.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.583, 218.521 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(169, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(169, 195, 201)  
}
```

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(169, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 195, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.583, 218.521 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(169, 195, 201) }
```

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

```
.border{ border-color:rgb(169, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(169, 195,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.583, 218.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 195, 201) }
```

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

```
.background{ background-color: rgb(169,  
195, 201) }
```

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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