

Converting Colors

CIELCh(76, 9.255, 198.141)

Have a look what the booklet for
CIELCh(76, 9.255, 198.141) contains.

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Color

CIELCh(76, 9.259, 198.740)

Conversions

Conversions Part 1

Format	Color
Hex	A6C0C0
RGB	166, 192, 192
RGB Percent	65%, 75%, 75%
CMY	0.3472, 0.2452, 0.2452
CMYK	0.14, 0.00, 0.00, 0.25
HSL	180°, 17%, 70%
HSV	180°, 14%, 75%
XYZ	44.3401, 49.8872, 57.4324
YIQ	184.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

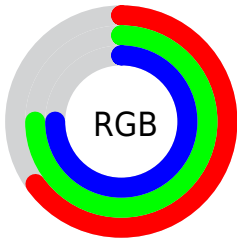
Format	Color
R_{YB}	166, 179, 192
Decimal	10928320
CIE _{Lab}	76.00, -8.77, -2.97
CIE _{LCh}	76, 9.259, 198.740
Yxy	49.8872, 0.2924, 0.3289
Android (android.graphics.Color)	4289118400 (0xFFA6C0C0)
YUV	184.2260, 3.8326, -15.9842
Hunter-Lab	70.6309, -11.5468, 1.2309

Details

The CIELCh color **76, 9.259, 198.740** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 10.090, 20.241**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.225, 198.881**, and **56, 9.340, 198.528** is the 20% darker color. If you saturate the color by 10%, you get **75, 15.621, 198.220**, and if you desaturate by 10%, it is **77, 2.468, 199.418**.

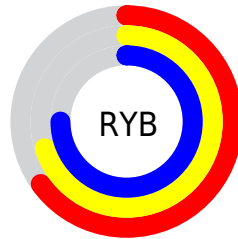
Distribution



Red (65%)

Green (75%)

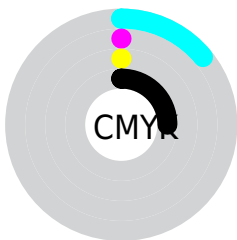
Blue (75%)



Red (65%)

Yellow (70%)

Blue (75%)

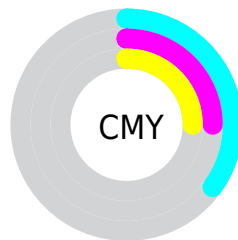


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.259, 198.740 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, 9.259, 198.740 by changing the saturation by 10% instead.

76, 9.259, 198.740

76, 9.259, 198.740

100, 9.259,
198.740

66, 9.259, 198.740

96, 9.259, 198.740

56, 9.259, 198.740

46, 9.259, 198.740

36, 9.259, 198.740

26, 9.259, 198.740

16, 9.259, 198.740

6, 9.259, 198.740

0, 9.259, 198.740

76, 9.259, 198.740

76, 9.259, 198.740

75, 15.621,
198.220

77, 2.468, 199.418

74, 21.441,
197.772

79, 4.649, 19.647

73, 26.607,
197.383

81, 11.997, 20.305

72, 31.018,
197.058

83, 24.045, 21.302

72, 34.597,
196.797

83, 24.045, 21.299

71, 37.303,
196.602

83, 24.045, 21.295

71, 39.141,
196.470

83, 24.045, 21.292

71, 40.175,
196.395

83, 24.045, 21.289

71, 40.560,

Harmonies

Complementary

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



76, 9.259, 198.740



71, 10.090, 20.241

Rectangle

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



76, 9.259, 198.740



76, 9.259, 248.740



76, 9.259, 18.740



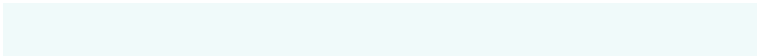
76, 9.259, 68.740

Sweetspot

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



76, 9.260, 198.731



98, 3.468, 199.359



75, 17.053, 143.215



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, 9.260, 198.731



96, 13.446, 198.583



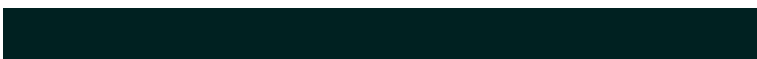
73, 8.241, 255.417



40, 3.949, 198.970



60, 35.478, 196.367



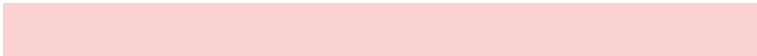
11, 12.445, 196.378

Inverse Universe

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



71, 10.090, 20.241



87, 14.926, 20.472



74, 8.553, 71.941



38, 4.187, 19.910



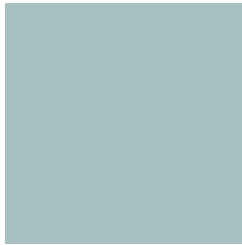
33, 73.722, 39.718



3, 13.999, 19.398

Previews

White Background



This preview shows how the CIELCh color 76, 9.259, 198.740 looks on a white background.

Color Contrast Check

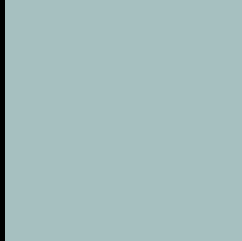
Large Text (above 18pt) WCAG AA × Fail

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, 9.259, 198.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

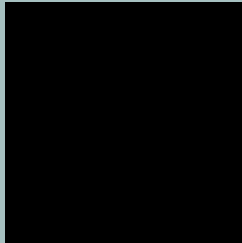
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

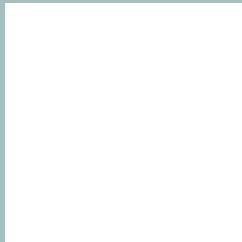
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.259, 198.740

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.259, 198.740.

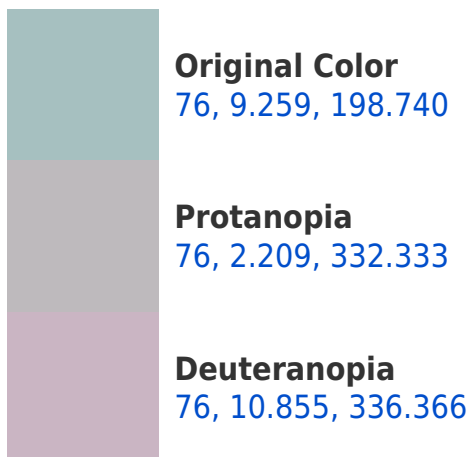


This preview shows how white text looks on a background with the CIELCh color 76, 9.259, 198.740.

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





Tritanopia
76, 11.113, 250.124

Trichromacy



Original Color
76, 9.259, 198.740

Protanomaly
76, 2.756, 222.438

Deuteranomaly
76, 5.092, 307.299

Tritanomaly
76, 9.557, 233.350

Monochromacy



Original Color
76, 9.259, 198.740

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.650, 199.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.259, 198.740 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(166, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.259, 198.740 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(166, 192, 192) }
```

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

```
.border{ border-color:rgb(166, 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(166, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.259, 198.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 192) }
```

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

```
.background{ background-color: rgb(166,  
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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