

Converting Colors

CIELCh(76, 13.444, 196.932)

Have a look what the booklet for
CIELCh(76, 13.444, 196.932)
contains.

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Color

CIELCh(76, 13.642, 196.119)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3C2
RGB	156, 195, 194
RGB Percent	61%, 76%, 76%
CMY	0.3889, 0.2360, 0.2399
CMYK	0.20, 0.00, 0.01, 0.24
HSL	178°, 24%, 69%
HSV	178°, 20%, 76%
XYZ	42.8688, 49.8872, 58.3034
YIQ	183.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

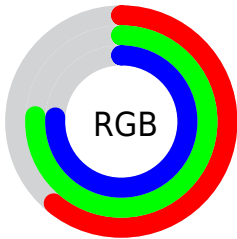
Format	Color
RYB	156, 176, 195
Decimal	10273730
CIELab	76.00, -13.11, -3.79
CIELCh	76, 13.642, 196.119
Yxy	49.8872, 0.2838, 0.3302
Android (android.graphics.Color)	4288463810 (0xFF9CC3C2)
YUV	183.2250, 5.3121, -23.8763
Hunter-Lab	70.6309, -15.2651, 0.4998

Details

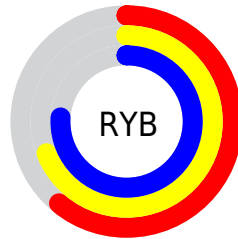
The CIELCh color **76, 13.642, 196.119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 15.451, 18.806**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.868, 194.310**, and **56, 13.500, 195.672** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.783, 195.547**, and if you desaturate by 10%, it is **77, 7.015, 196.734**.

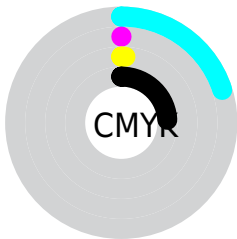
Distribution



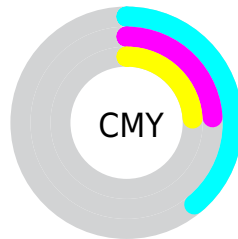
- Red (61%)
- Green (76%)
- Blue (76%)



- Red (61%)
- Yellow (69%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.642, 196.119 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, 13.642, 196.119 by changing the saturation by 10% instead.


 76, 13.642,
196.119


 76, 13.642,
196.119


 100, 13.642,
196.119


 66, 13.642,
196.119


 96, 13.642,
196.119

 56, 13.642,
196.119

 46, 13.642,
196.119

 36, 13.642,
196.119

 26, 13.642,
196.119

 16, 13.642,
196.119

 6, 13.642, 196.119

0, 13.642, 196.119

76, 13.642,
196.119

76, 13.642,
196.119

75, 19.783,
195.547

77, 7.015, 196.734

74, 25.319,
195.020

79, 0.014, 238.992

80, 7.268, 17.819

73, 30.142,
194.530

82, 14.731, 18.499

72, 34.158,
194.076

84, 22.307, 19.161

84, 22.983, 18.632

72, 37.307,
193.654

84, 22.971, 17.984

72, 39.571,
193.257

84, 22.963, 17.335

■ 71, 40.989,
192.877

■ 84, 22.959, 16.686

■ 71, 41.751,
192.504

Harmonies

Complementary

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



76, 13.642, 196.119



68, 15.451, 18.806

Rectangle

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



76, 13.642, 196.119



76, 13.642, 246.119



76, 13.642, 16.119



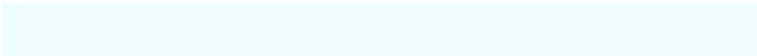
76, 13.642, 66.119

Sweetspot

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



76, 13.643, 196.113



98, 5.232, 197.018



75, 25.428, 142.339



53, 3.494, 196.966



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, 13.643, 196.113



95, 19.911, 195.861



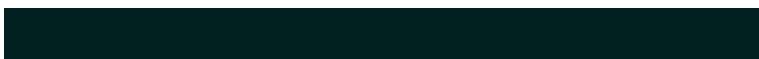
71, 12.105, 254.508



40, 3.959, 196.778



60, 36.179, 192.558



11, 12.619, 193.462

Inverse Universe

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



68, 15.451, 18.806



83, 23.230, 19.265



72, 12.899, 69.355



38, 4.187, 17.839



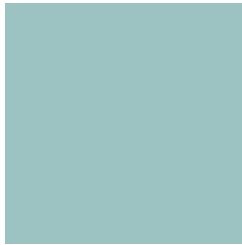
33, 72.714, 38.685



3, 14.008, 18.000

Previews

White Background



This preview shows how the CIELCh color 76, 13.642, 196.119 looks on a white background.

Color Contrast Check

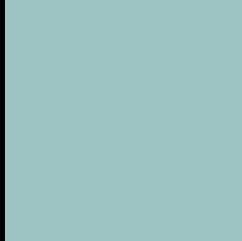
Large Text (above 18pt) WCAG AA × Fail

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, 13.642, 196.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

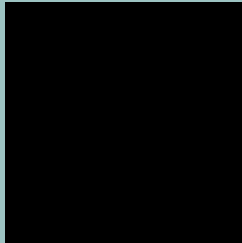
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

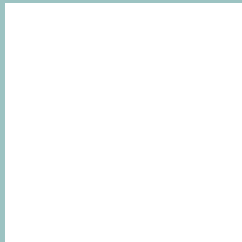
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.642, 196.119

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.642, 196.119.

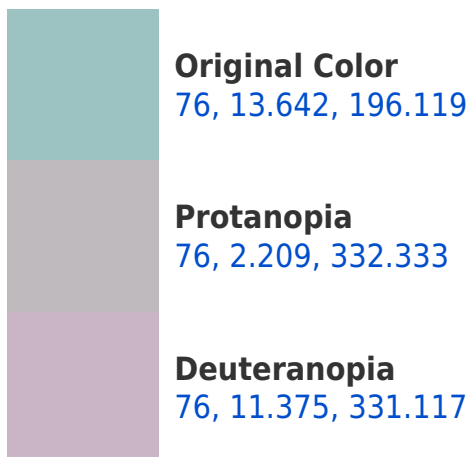


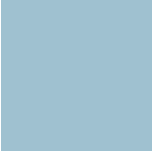
This preview shows how white text looks on a background with the CIELCh color 76, 13.642, 196.119.

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](#).

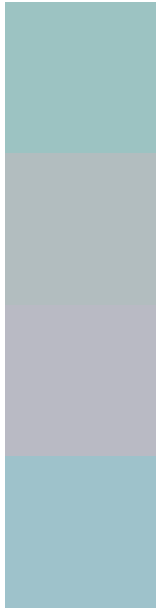
Dichromacy





Tritanopia
76, 13.855, 234.541

Trichromacy



Original Color
76, 13.642, 196.119

Protanomaly
76, 4.113, 214.432

Deuteranomaly
76, 5.400, 286.854

Tritanomaly
76, 13.114, 220.363

Monochromacy



Original Color
76, 13.642, 196.119

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.090, 199.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.642, 196.119 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(156, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 194)  
}
```

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(156, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.642, 196.119 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(156, 195, 194) }
```

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

```
.border{ border-color:rgb(156, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.642, 196.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 194) }
```

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

```
.background{ background-color: rgb(156,  
195, 194) }
```

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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