

Converting Colors

CIELCh(76, 13.887, 191.738)

Have a look what the booklet for
CIELCh(76, 13.887, 191.738)
contains.

CIELCh(76, 13.818, 191.627)	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, 13.818, 191.627)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3C0
RGB	156, 195, 192
RGB Percent	61%, 76%, 75%
CMY	0.3883, 0.2354, 0.2472
CMYK	0.20, 0.00, 0.02, 0.24
HSL	175°, 25%, 69%
HSV	175°, 20%, 76%
XYZ	42.7251, 49.8872, 57.2302
YIQ	182.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

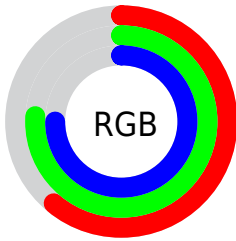
Format	Color
RYB	156, 176, 195
Decimal	10273728
CIELab	76.00, -13.53, -2.78
CIELCh	76, 13.818, 191.627
Yxy	49.8872, 0.2851, 0.3329
Android (android.graphics.Color)	4288463808 (0xFF9CC3C0)
YUV	182.9970, 4.4385, -23.6764
Hunter-Lab	70.6309, -15.6282, 1.4006

Details

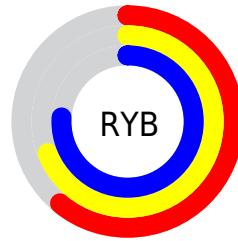
The CIELCh color **76, 13.818, 191.627** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 15.448, 14.768**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.055, 190.131**, and **56, 13.597, 193.242** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.115, 190.887**, and if you desaturate by 10%, it is **77, 7.076, 192.380**.

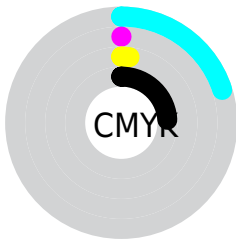
Distribution



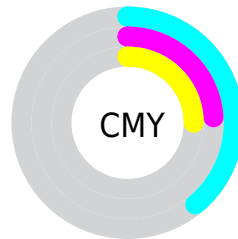
- Red (61%)
- Green (76%)
- Blue (75%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.818, 191.627 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, 13.818, 191.627 by changing the saturation by 10% instead.


 76, 13.818,
191.627


 76, 13.818,
191.627


 100, 13.818,
191.627


 66, 13.818,
191.627


 96, 13.818,
191.627

 56, 13.818,
191.627

 46, 13.818,
191.627

 36, 13.818,
191.627

 26, 13.818,
191.627

 16, 13.818,
191.627

 6, 13.818, 191.627

0, 13.818, 191.627

76, 13.818,
191.627

76, 13.818,
191.627

75, 20.115,
190.887

77, 7.076, 192.380

74, 25.847,
190.156

79, 0.009, 284.432

80, 7.310, 13.676

73, 30.898,
189.419

82, 14.767, 14.432

72, 35.170,
188.667

84, 22.302, 15.159

84, 22.920, 13.420

72, 38.592,
187.887

84, 22.972, 11.477

71, 41.138,
187.066

84, 23.051, 9.546

■ 71, 42.837,
186.185

■ 84, 23.159, 7.631

■ 71, 43.879,
185.250

Harmonies

Complementary

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



76, 13.818, 191.627



68, 15.448, 14.768

Rectangle

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



76, 13.818, 191.627



76, 13.818, 241.627



76, 13.818, 11.627



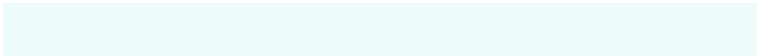
76, 13.818, 61.627

Sweetspot

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



76, 13.819, 191.622



98, 5.275, 192.710



75, 25.016, 141.050



53, 3.523, 192.650



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, 13.819, 191.622



95, 20.200, 191.299



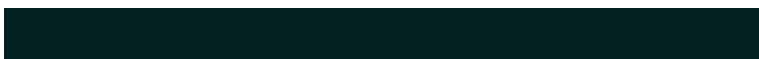
72, 11.689, 248.483



40, 3.996, 192.431



59, 37.968, 185.396



11, 13.037, 187.882

Inverse Universe

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



68, 15.448, 14.768



83, 23.190, 15.270



72, 12.666, 63.760



38, 4.202, 13.697



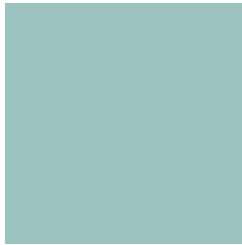
33, 70.746, 36.501



3, 14.051, 15.205

Previews

White Background



This preview shows how the CIELCh color 76, 13.818, 191.627 looks on a white background.

Color Contrast Check

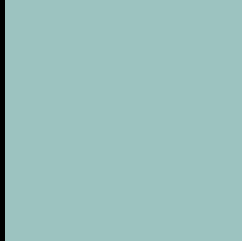
Large Text (above 18pt) WCAG AA × Fail

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, 13.818, 191.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

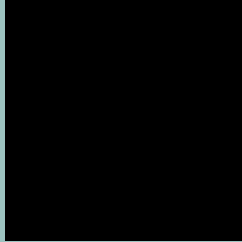
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

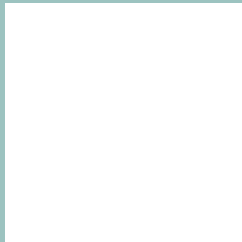
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.818, 191.627

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.818, 191.627.



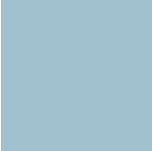
This preview shows how white text looks on a background with the CIELCh color 76, 13.818, 191.627.

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, 13.818, 191.627

Protanomaly
76, 4.007, 199.219

Deuteranomaly
76, 4.326, 285.780

Tritanomaly
76, 12.971, 218.050

Monochromacy



Original Color
76, 13.818, 191.627

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.139, 193.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.818, 191.627 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 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(156, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.818, 191.627 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, 192) }
```

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

```
.border{ border-color:rgb(156, 195, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.818, 191.627 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, 192) }
```

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

```
.background{ background-color: rgb(156,  
195, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor