

Converting Colors

CIELCh(76, 19.067, 191.940)

Have a look what the booklet for
CIELCh(76, 19.067, 191.940)
contains.

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Color

CIELCh(76, 19.269, 191.505)

Conversions

Conversions Part 1

Format	Color
Hex	8EC6C2
RGB	142, 198, 194
RGB Percent	56%, 78%, 76%
CMY	0.4441, 0.2245, 0.2402
CMYK	0.28, 0.00, 0.02, 0.22
HSL	176°, 33%, 67%
HSV	176°, 28%, 78%
XYZ	40.9605, 49.8872, 58.3635
YIQ	180.8000, -32.0920, -13.1160

Conversions

Conversions Part 2

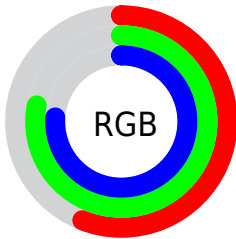
Format	Color
RYB	142, 171, 198
Decimal	9356994
CIELab	76.00, -18.88, -3.84
CIElCh	76, 19.269, 191.505
Yxy	49.8872, 0.2745, 0.3343
Android (android.graphics.Color)	4287547074 (0xFF8EC6C2)
YUV	180.8000, 6.5076, -34.0276
Hunter-Lab	70.6309, -20.0877, 0.4493

Details

The CIELCh color **76, 19.269, 191.505** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 22.728, 16.197**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.432, 190.590**, and **56, 19.446, 190.744** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.148, 190.789**, and if you desaturate by 10%, it is **77, 12.835, 192.222**.

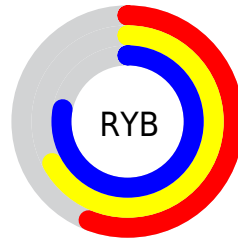
Distribution



Red (56%)

Green (78%)

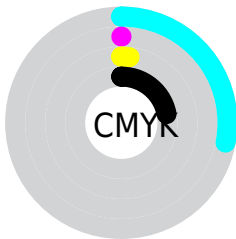
Blue (76%)



Red (56%)

Yellow (67%)

Blue (78%)

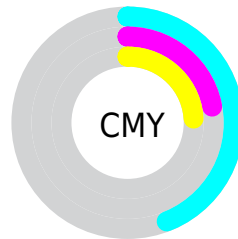


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (44%)


Magenta (22%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 19.269, 191.505 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, 19.269, 191.505 by changing the saturation by 10% instead.


 76, 19.269,
191.505


 76, 19.269,
191.505


 100, 19.269,
191.505


 66, 19.269,
191.505


 96, 19.269,
191.505

 56, 19.269,
191.505

 46, 19.269,
191.505

 36, 19.269,
191.505

 26, 19.269,
191.505

 16, 19.269,
191.505

 6, 19.269, 191.505

0, 19.269, 191.505

76, 19.269,
191.505

76, 19.269,
191.505

75, 25.148,
190.789

77, 12.835,
192.222

74, 30.353,
190.076

79, 5.963, 192.980

73, 34.779,
189.355

80, 1.233, 13.167

82, 8.654, 14.254

73, 38.352,
188.615

84, 16.216, 14.995

72, 41.036,
187.841

85, 21.759, 14.990

85, 21.789, 13.063

72, 42.854,
187.018

85, 21.845, 11.143

■ 72, 43.934,
186.138

■ 85, 21.927, 9.236

■ 72, 44.091,
185.990

Harmonies

Complementary

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



76, 19.269, 191.505



64, 22.728, 16.197

Rectangle

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



76, 19.269, 191.505



76, 19.269, 241.505



76, 19.269, 11.505



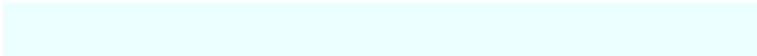
76, 19.269, 61.505

Sweetspot

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



76, 19.270, 191.501



99, 7.055, 192.996



75, 35.832, 140.465



52, 4.998, 192.873



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, 19.270, 191.501



95, 27.835, 191.059



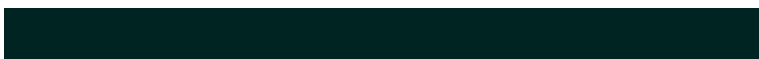
70, 16.528, 249.857



41, 4.077, 192.894



60, 38.196, 186.125



12, 13.604, 188.276

Inverse Universe

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



64, 22.728, 16.197



78, 34.192, 17.065



70, 18.608, 62.907



39, 4.291, 14.146



34, 71.838, 36.808



3, 15.932, 15.704

Previews

White Background



This preview shows how the CIELCh color 76, 19.269, 191.505 looks on a white background.

Color Contrast Check

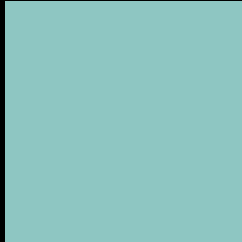
Large Text (above 18pt) WCAG AA × Fail

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, 19.269, 191.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

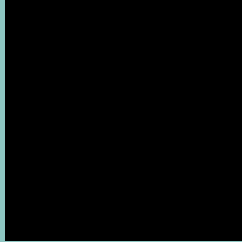
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

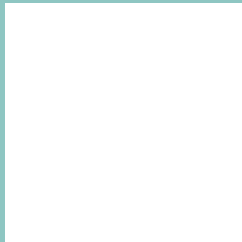
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 19.269, 191.505

Background



This preview shows how black text looks on a background with the CIELCh color 76, 19.269, 191.505.

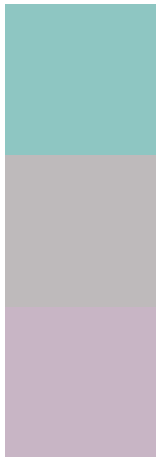


This preview shows how white text looks on a background with the CIELCh color 76, 19.269, 191.505.

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, 19.269, 191.505

Protanopia

76, 1.588, 359.410

Deuteranopia

76, 11.140, 329.642



Tritanopia
76, 17.985, 227.184

Trichromacy



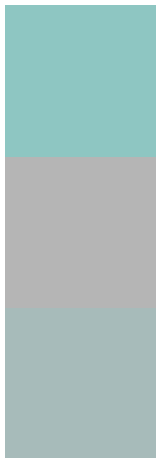
Original Color
76, 19.269, 191.505

Protanomaly
76, 6.540, 194.230

Deuteranomaly
76, 5.591, 259.730

Tritanomaly
76, 17.802, 214.106

Monochromacy



Original Color
76, 19.269, 191.505

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.261, 194.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 19.269, 191.505 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(142, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(142, 198, 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(142, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 198, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 19.269, 191.505 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(142, 198, 194) }
```

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

```
.border{ border-color:rgb(142, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(142, 198,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 19.269, 191.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 198, 194) }
```

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

```
.background{ background-color: rgb(142,  
198, 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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