

Converting Colors

CIELCh(77, 18.343, 201.331)

Have a look what the booklet for
CIELCh(77, 18.343, 201.331)
contains.

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Color

CIELCh(77, 18.483, 201.419)

Conversions

Conversions Part 1

Format	Color
Hex	91C8CA
RGB	145, 200, 202
RGB Percent	57%, 78%, 79%
CMY	0.4317, 0.2161, 0.2082
CMYK	0.28, 0.01, 0.00, 0.21
HSL	182°, 35%, 68%
HSV	182°, 28%, 79%
XYZ	42.9391, 51.5317, 63.4975
YIQ	183.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

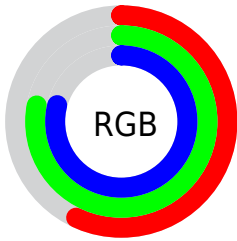
Format	Color
RYB	145, 173, 202
Decimal	9554122
CIELab	77.00, -17.21, -6.75
CIELCh	77, 18.483, 201.419
Yxy	51.5317, 0.2718, 0.3262
Android (android.graphics.Color)	4287744202 (0xFF91C8CA)
YUV	183.7830, 8.9810, -34.0127
Hunter-Lab	71.7856, -18.8537, -2.1947

Details

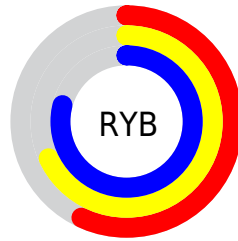
The CIELCh color **77, 18.483, 201.419** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 22.455, 24.335**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **57, 18.539, 201.265** is the 20% darker color. If you saturate the color by 10%, you get **76, 24.005, 201.169**, and if you desaturate by 10%, it is **78, 12.356, 201.746**.

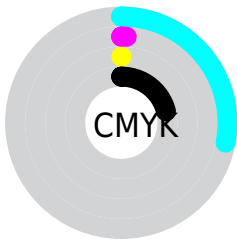
Distribution



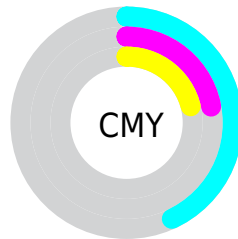
- Red (57%)
- Green (78%)
- Blue (79%)



- Red (57%)
- Yellow (68%)
- Blue (79%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)





- Cyan (43%)
- Magenta (22%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 18.483, 201.419 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, 18.483, 201.419 by changing the saturation by 10% instead.


 77, 18.483,
201.419


 77, 18.483,
201.419


 100, 18.483,
201.419


 67, 18.483,
201.419


 97, 18.483,
201.419

 57, 18.483,
201.419

 47, 18.483,
201.419

 37, 18.483,
201.419

 27, 18.483,
201.419

 17, 18.483,
201.419

 7, 18.483, 201.419

0, 18.483, 201.419

77, 18.483,
201.419

77, 18.483,
201.419

76, 24.005,
201.169

78, 12.356,
201.746

75, 28.808,
201.016

80, 5.737, 202.177

74, 32.797,
200.969

82, 1.263, 22.068

83, 8.548, 22.916

73, 35.902,
201.038

85, 16.030, 23.447

73, 38.098,
201.235

86, 19.334, 24.284

87, 19.100, 25.396

72, 39.413,
201.565

87, 18.872, 26.536

■ 72, 39.978,
202.021

■ 87, 18.653, 27.703

■ 72, 40.049,
202.107

Harmonies

Complementary

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



77, 18.483, 201.419



66, 22.455, 24.335

Rectangle

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



77, 18.483, 201.419



77, 18.483, 251.419



77, 18.483, 21.419



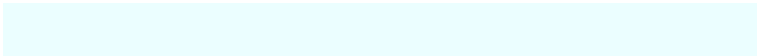
77, 18.483, 71.419

Sweetspot

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



77, 18.483, 201.415



98, 6.743, 202.184



76, 36.486, 143.389



52, 4.773, 202.107



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, 18.483, 201.415



94, 26.237, 201.251



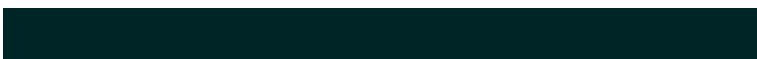
69, 18.604, 263.347



42, 3.976, 202.118



60, 34.611, 202.023



12, 13.005, 200.809

Inverse Universe

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



67, 36.452, 326.946



80, 52.884, 327.284



73, 19.779, 75.339



40, 7.361, 325.888



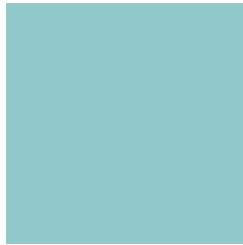
39, 81.462, 329.663



5, 28.239, 328.646

Previews

White Background



This preview shows how the CIE LCh color 77, 18.483, 201.419 looks on a white background.

Color Contrast Check

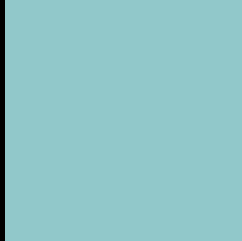
Large Text (above 18pt) WCAG AA × Fail

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 77, 18.483, 201.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

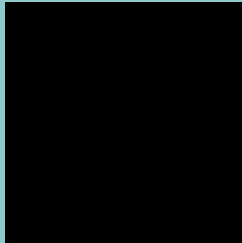
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

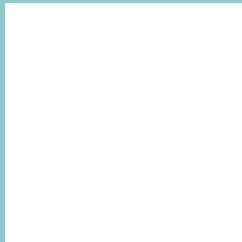
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 18.483, 201.419

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.483, 201.419.



This preview shows how white text looks on a background with the CIELCh color 77, 18.483, 201.419.

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, 18.483, 201.419

Protanopia
77, 3.940, 306.679

Deuteranopia
77, 12.921, 319.533



Tritanopia
77, 18.223, 226.678

Trichromacy



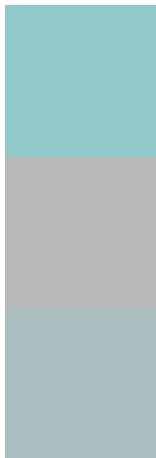
Original Color
77, 18.483, 201.419

Protanomaly
77, 7.094, 226.149

Deuteranomaly
77, 8.107, 267.762

Tritanomaly
77, 17.980, 217.546

Monochromacy



Original Color
77, 18.483, 201.419

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 7.186, 203.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.483, 201.419 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(145, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(145, 200, 202)  
}
```

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(145, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 200, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.483, 201.419 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(145, 200, 202) }
```

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

```
.border{ border-color:rgb(145, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(145, 200,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.483, 201.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 200, 202) }
```

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

```
.background{ background-color: rgb(145,  
200, 202) }
```

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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