

Converting Colors

CIELCh(77, 18.539, 216.907)

Have a look what the booklet for
CIELCh(77, 18.539, 216.907)
contains.

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Color

CIELCh(77, 18.539, 216.907)

Conversions

Conversions Part 1

Format	Color
Hex	91C7D2
RGB	145, 199, 210
RGB Percent	57%, 78%, 82%
CMY	0.4313, 0.2195, 0.1764
CMYK	0.31, 0.05, 0.00, 0.18
HSL	190°, 42%, 70%
HSV	190°, 31%, 82%
XYZ	43.7440, 51.5317, 68.6268
YIQ	184.1080, -35.7150, -8.0270

Conversions

Conversions Part 2

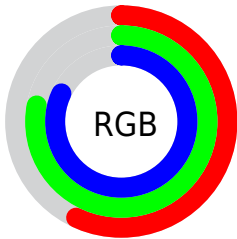
Format	Color
RYB	145, 174, 210
Decimal	9553874
CIELab	77.00, -14.82, -11.13
CIELCh	77, 18.539, 216.907
Yxy	51.5317, 0.2669, 0.3144
Android (android.graphics.Color)	4287743954 (0xFF91C7D2)
YUV	184.1080, 12.7648, -34.2977
Hunter-Lab	71.7856, -16.8522, -6.4311

Details

The CIELCh color **77, 18.539, 216.907** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 23.074, 36.219**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **57, 18.525, 217.868** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.504, 217.567**, and if you desaturate by 10%, it is **79, 13.003, 216.459**.

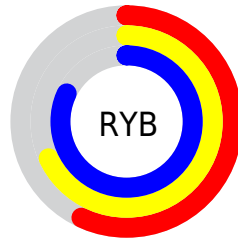
Distribution



Red (57%)

Green (78%)

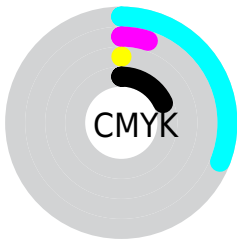
Blue (82%)



Red (57%)

Yellow (68%)

Blue (82%)

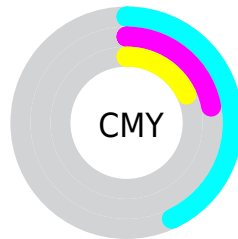


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.539, 216.907 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, 18.539, 216.907 by changing the saturation by 10% instead.

■ 77, 18.539,
216.907

■ 77, 18.539,
216.907

■ 100, 18.539,
216.907

■ 67, 18.539,
216.907

■ 97, 18.539,
216.907

■ 57, 18.539,
216.907

■ 47, 18.539,
216.907

■ 37, 18.539,
216.907

■ 27, 18.539,
216.907

■ 17, 18.539,
216.907

■ 7, 18.539, 216.907

0, 18.539, 216.907

77, 18.539,
216.907

77, 18.539,
216.907

75, 23.504,
217.567

79, 13.003,
216.459

73, 27.797,
218.503

82, 6.999, 216.210

71, 31.331,
219.772

84, 0.622, 216.889

87, 6.042, 35.828

70, 34.049,
221.445

89, 12.919, 35.905

68, 35.943,
223.596

90, 14.071, 42.386

91, 13.713, 51.387

67, 37.072,
226.290

92, 13.711, 60.612

■ 66, 37.625,
229.148

■ 93, 14.064, 69.585

Harmonies

Complementary

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



77, 18.539, 216.907



69, 23.074, 36.219

Rectangle

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



77, 18.539, 216.907



77, 18.539, 266.907



77, 18.539, 36.907



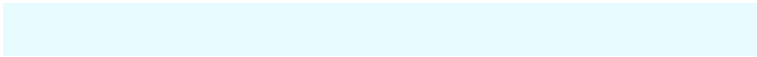
77, 18.539, 86.907

Sweetspot

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



77, 18.539, 216.903



97, 6.768, 216.188



79, 37.572, 147.065



52, 4.685, 216.205



0, 0.000, 0.000



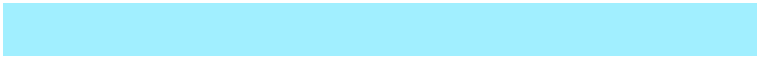
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 18.539, 216.903



90, 25.260, 217.304



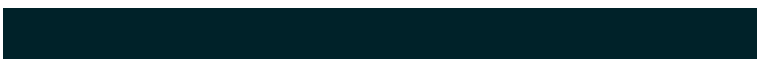
68, 24.623, 275.943



43, 3.629, 216.191



54, 31.900, 228.579



11, 12.256, 221.547

Inverse Universe

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



68, 37.612, 331.399



78, 52.404, 331.823



77, 24.790, 87.138



41, 6.843, 330.017



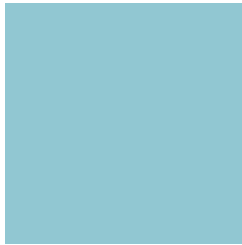
38, 74.259, 336.273



5, 27.305, 334.231

Previews

White Background



This preview shows how the CIE LCh color 77, 18.539, 216.907 looks on a white background.

Color Contrast Check

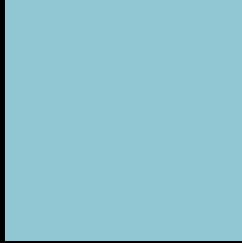
Large Text (above 18pt) WCAG AA × Fail

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, 18.539, 216.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

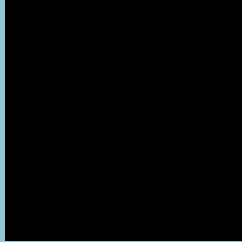
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

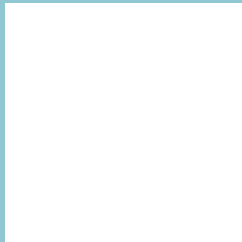
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 18.539, 216.907

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.539, 216.907.

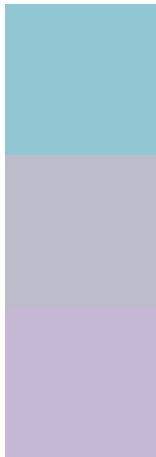


This preview shows how white text looks on a background with the CIELCh color 77, 18.539, 216.907.

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, 18.539, 216.907

Protanopia
77, 8.083, 293.467

Deuteranopia
77, 16.345, 307.894



Tritanopia
77, 18.743, 225.795

Trichromacy



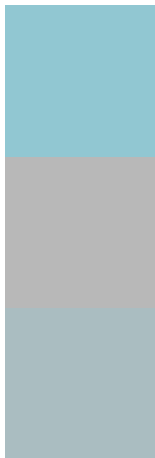
Original Color
77, 18.539, 216.907

Protanomaly
77, 9.885, 248.842

Deuteranomaly
76, 12.851, 274.113

Tritanomaly
77, 18.563, 224.201

Monochromacy



Original Color
77, 18.539, 216.907

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.075, 216.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.539, 216.907 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, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 199, 210)  
}
```

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, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 199, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.539, 216.907 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, 199, 210) }
```

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

```
.border{ border-color:rgb(145, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 199,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.539, 216.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 199, 210) }
```

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

```
.background{ background-color: rgb(145,  
199, 210) }
```

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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