

Converting Colors

CIELCh(77, 17.795, 243.499)

Have a look what the booklet for
CIELCh(77, 17.795, 243.499)
contains.

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Color

CIELCh(77, 17.692, 243.242)

Conversions

Conversions Part 1

Format	Color
Hex	9CC4DB
RGB	156, 196, 219
RGB Percent	61%, 77%, 86%
CMY	0.3891, 0.2322, 0.1420
CMYK	0.29, 0.11, 0.00, 0.14
HSL	202°, 47%, 73%
HSV	202°, 29%, 86%
XYZ	46.1173, 51.5317, 74.3808
YIQ	186.6620, -31.2230, -1.3270

Conversions

Conversions Part 2

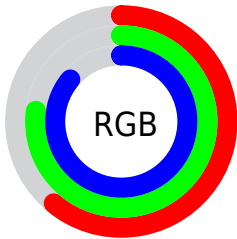
Format	Color
RYB	156, 180, 219
Decimal	10274011
CIELab	77.00, -7.97, -15.80
CIELCh	77, 17.692, 243.242
Yxy	51.5317, 0.2681, 0.2996
Android (android.graphics.Color)	4288464091 (0xFF9CC4DB)
YUV	186.6620, 15.9426, -26.8906
Hunter-Lab	71.7856, -10.9510, -11.1835

Details

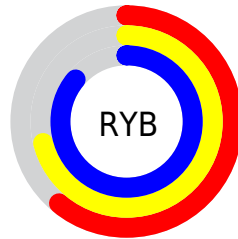
The CIELCh color $77, 17.692, 243.242$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $76, 20.482, 57.074$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 13.708, 202.900$, and $57, 17.708, 244.016$ is the 20% darker color. If you saturate the color by 10%, you get $74, 23.264, 245.080$, and if you desaturate by 10%, it is $81, 11.788, 241.755$.

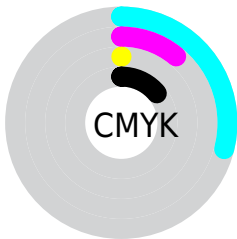
Distribution



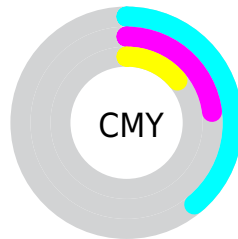
- Red (61%)
- Green (77%)
- Blue (86%)



- Red (61%)
- Yellow (71%)
- Blue (86%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (23%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 17.692, 243.242 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, 17.692, 243.242 by changing the saturation by 10% instead.

 77, 17.692,
243.242

 77, 17.692,
243.242


 100, 17.692,
243.242


 67, 17.692,
243.242


 97, 17.692,
243.242

 57, 17.692,
243.242

 47, 17.692,
243.242

 37, 17.692,
243.242

 27, 17.692,
243.242

 17, 17.692,
243.242

 7, 17.692, 243.242

0, 17.692, 243.242

77, 17.692,
243.242

77, 17.692,
243.242

74, 23.264,
245.080

81, 11.788,
241.755

70, 28.453,
247.355

84, 5.613, 240.587

67, 33.221,
250.147

88, 0.776, 58.864

91, 7.328, 58.631

64, 37.566,
253.531

94, 11.228, 70.105

61, 41.539,
257.553

96, 13.364, 91.005

98, 16.720,
104.718

58, 45.252,
262.190

■ 56, 48.899,
267.252

■ 99, 18.314,
108.792

■ 56, 49.356,
267.847

Harmonies

Complementary

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



77, 17.692, 243.242



76, 20.482, 57.074

Rectangle

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



77, 17.692, 243.242



77, 17.692, 293.242



77, 17.692, 63.242



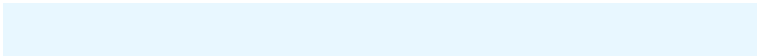
77, 17.692, 113.242

Sweetspot

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



77, 17.691, 243.238



96, 6.503, 240.615



82, 31.496, 153.983



51, 4.508, 240.767



0, 0.000, 0.000



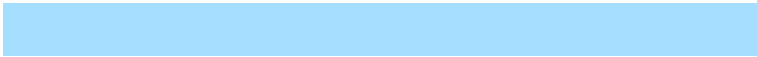
53, 0.007, 296.813

Same Dimension

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



77, 17.691, 243.238



86, 23.981, 244.392



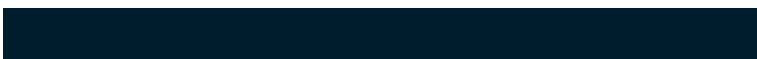
69, 29.504, 287.144



44, 3.628, 240.651



45, 41.039, 266.964



10, 14.748, 256.267

Inverse Universe

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



71, 31.649, 339.293



78, 43.499, 339.889



84, 28.219, 100.036



43, 6.191, 337.691



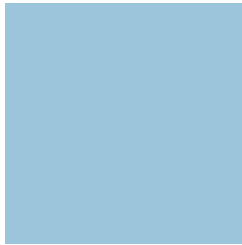
38, 66.622, 349.815



6, 26.886, 345.162

Previews

White Background



This preview shows how the CIELCh color 77, 17.692, 243.242 looks on a white background.

Color Contrast Check

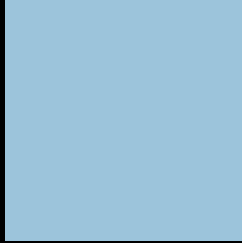
Large Text (above 18pt) WCAG AA × Fail

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, 17.692, 243.242 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, 17.692, 243.242

Background



This preview shows how black text looks on a background with the CIELCh color 77, 17.692, 243.242.



This preview shows how white text looks on a background with the CIELCh color 77, 17.692, 243.242.

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

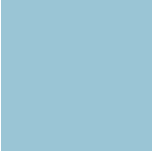
77, 17.692, 243.242

Protanopia

77, 13.985, 288.615

Deuteranopia

77, 19.626, 300.021



Tritanopia
77, 16.409, 230.280

Trichromacy



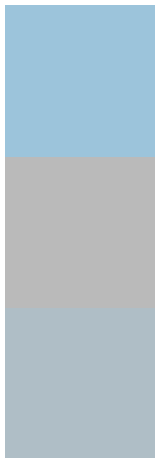
Original Color
77, 17.692, 243.242

Protanomaly
77, 14.353, 269.058

Deuteranomaly
77, 16.920, 280.129

Tritanomaly
77, 16.650, 234.259

Monochromacy



Original Color
77, 17.692, 243.242

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.779, 238.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 17.692, 243.242 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, 196, 219)` looks like.

```
.text, #text, p{  
    color:rgb(156, 196, 219)  
}
```

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, 196, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 196, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 17.692, 243.242 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, 196, 219) }
```

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

```
.border{ border-color:rgb(156, 196, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 196, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 196, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 196, 219);  
box-shadow:4px 4px 4px 4px rgb(156, 196,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 17.692, 243.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 196, 219) }
```

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

```
.background{ background-color: rgb(156,  
196, 219) }
```

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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