

Converting Colors

CIELCh(77, 15.392, 177.097)

Have a look what the booklet for
CIELCh(77, 15.392, 177.097)
contains.

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Color

CIELCh(77, 15.302, 177.652)

Conversions

Conversions Part 1

Format	Color
Hex	9EC6BC
RGB	158, 198, 188
RGB Percent	62%, 78%, 74%
CMY	0.3788, 0.2219, 0.2612
CMYK	0.20, 0.00, 0.05, 0.22
HSL	165°, 26%, 70%
HSV	165°, 20%, 78%
XYZ	43.5861, 51.5317, 55.4538
YIQ	184.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

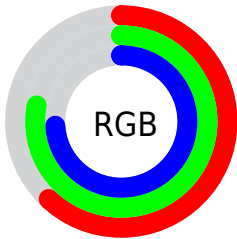
Format	Color
RYB	158, 181, 198
Decimal	10405564
CIELab	77.00, -15.29, 0.63
CIELCh	77, 15.302, 177.652
Yxy	51.5317, 0.2895, 0.3422
Android (android.graphics.Color)	4288595644 (0xFF9EC6BC)
YUV	184.9000, 1.5283, -23.5913
Hunter-Lab	71.7856, -17.2449, 4.4489

Details

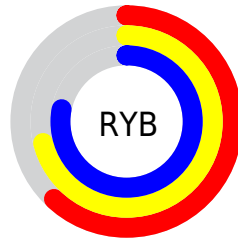
The CIELCh color **77, 15.302, 177.652** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 16.398, 1.557**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.504, 177.132**, and **57, 15.150, 178.066** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.483, 176.603**, and if you desaturate by 10%, it is **78, 7.813, 178.646**.

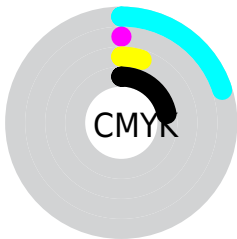
Distribution



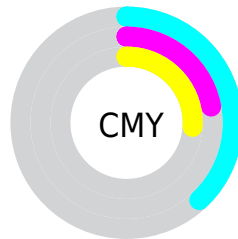
- Red (62%)
- Green (78%)
- Blue (74%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.302, 177.652 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, 15.302, 177.652 by changing the saturation by 10% instead.


 77, 15.302,
177.652


 77, 15.302,
177.652


 100, 15.302,
177.652


 67, 15.302,
177.652


 97, 15.302,
177.652

 57, 15.302,
177.652

 47, 15.302,
177.652

 37, 15.302,
177.652

 27, 15.302,
177.652

 17, 15.302,
177.652

 7, 15.302, 177.652

0, 15.302, 177.652

77, 15.302,
177.652

77, 15.302,
177.652

76, 22.483,
176.603

78, 7.813, 178.646

75, 29.227,
175.481

80, 0.125, 183.419

82, 7.663, 0.294

74, 35.405,
174.259

84, 15.473, 1.151

73, 40.899,
172.914

85, 22.320, 1.013

85, 23.178,
354.902

72, 45.612,
171.422

86, 24.295,
349.310

72, 49.497,
169.760

■ 72, 52.565,
167.911

■ 86, 25.635,
344.279

■ 71, 54.965,
165.960

■ 86, 27.166,
339.806

Harmonies

Complementary

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



77, 15.302, 177.652



69, 16.398, 1.557

Rectangle

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



77, 15.302, 177.652



77, 15.302, 227.652



77, 15.302, 357.652



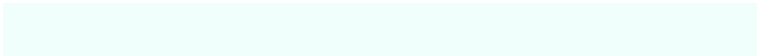
77, 15.302, 47.652

Sweetspot

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



77, 15.303, 177.648



99, 5.672, 179.065



77, 24.154, 135.849



53, 3.761, 178.994



0, 0.000, 0.000



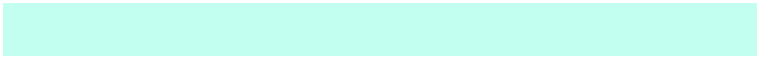
53, 0.007, 296.813

Same Dimension

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



77, 15.303, 177.648



96, 22.174, 177.218



75, 11.629, 224.530



41, 4.370, 178.724



60, 47.333, 166.277



11, 15.958, 171.535

Inverse Universe

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



69, 16.398, 1.557



84, 24.128, 2.083



71, 13.221, 42.763



39, 4.511, 0.335



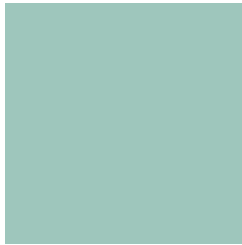
34, 64.239, 24.880



4, 16.335, 6.672

Previews

White Background



This preview shows how the CIELCh color 77, 15.302, 177.652 looks on a white background.

Color Contrast Check

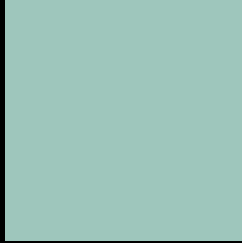
Large Text (above 18pt) WCAG AA × Fail

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 77, 15.302, 177.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

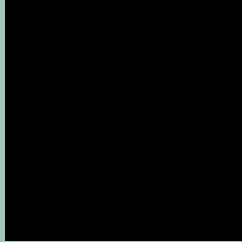
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

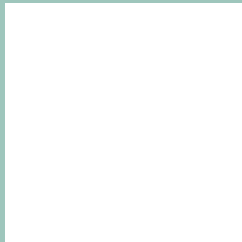
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.302, 177.652

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.302, 177.652.



This preview shows how white text looks on a background with the CIELCh color 77, 15.302, 177.652.

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, 15.302, 177.652

Protanopia
77, 3.703, 79.387

Deuteranopia
77, 9.397, 356.674



Tritanopia
77, 13.619, 238.096

Trichromacy



Original Color
77, 15.302, 177.652

Protanomaly
77, 5.563, 156.627

Deuteranomaly
77, 0.546, 290.341

Tritanomaly
77, 12.524, 216.140

Monochromacy



Original Color
77, 15.302, 177.652

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 5.921, 177.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.302, 177.652 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(158, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(158, 198, 188)  
}
```

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(158, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 198, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.302, 177.652 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(158, 198, 188) }
```

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

```
.border{ border-color:rgb(158, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 198, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 198, 188); box-shadow:4px 4px 4px 4px rgb(158, 198, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.302, 177.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 198, 188) }
```

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

```
.background{ background-color: rgb(158,  
198, 188) }
```

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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