

Converting Colors

CIELCh(77, 7.894, 254.827)

Have a look what the booklet for
CIELCh(77, 7.894, 254.827) contains.

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Color

CIELCh(77, 7.822, 254.869)

Conversions

Conversions Part 1

Format	Color
Hex	B3C0CC
RGB	179, 192, 204
RGB Percent	70%, 75%, 80%
CMY	0.2987, 0.2478, 0.2007
CMYK	0.12, 0.06, 0.00, 0.20
HSL	209°, 20%, 75%
HSV	209°, 12%, 80%
XYZ	48.2348, 51.5317, 64.4152
YIQ	189.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

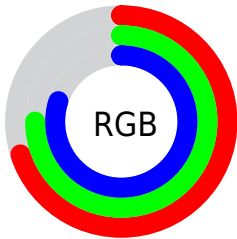
Format	Color
R _Y B	179, 188, 204
Decimal	11780300
CIE Lab	77.00, -2.04, -7.55
CIE LCh	77, 7.822, 254.869
Yxy	51.5317, 0.2938, 0.3139
Android (android.graphics.Color)	4289970380 (0xFFB3C0CC)
YUV	189.4810, 7.1579, -9.1918
Hunter-Lab	71.7856, -5.6857, -2.9526

Details

The CIELCh color $77, 7.822, 254.869$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 8.092, 71.703$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.660, 238.606$, and $57, 7.800, 252.867$ is the 20% darker color. If you saturate the color by 10%, you get $73, 14.092, 256.416$, and if you desaturate by 10%, it is $81, 1.458, 253.743$.

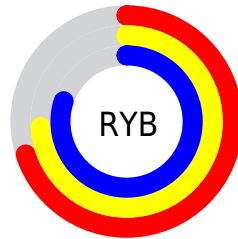
Distribution



Red (70%)

Green (75%)

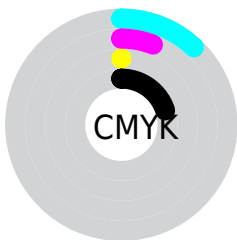
Blue (80%)



Red (70%)

Yellow (74%)

Blue (80%)

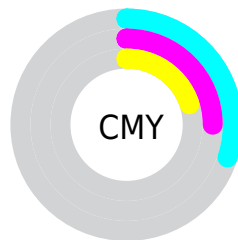


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (20%)



Cyan (30%)

Magenta (25%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.822, 254.869 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, 7.822, 254.869 by changing the saturation by 10% instead.

■ 77, 7.822, 254.869

■ 77, 7.822, 254.869

■ 100, 7.822,
254.869

■ 67, 7.822, 254.869

■ 97, 7.822, 254.869

■ 57, 7.822, 254.869

■ 47, 7.822, 254.869

■ 37, 7.822, 254.869

■ 27, 7.822, 254.869

■ 17, 7.822, 254.869

■ 7, 7.822, 254.869

■ 0, 7.822, 254.869

■ 77, 7.822, 254.869

■ 77, 7.822, 254.869

73, 14.092,
256.416

81, 1.458, 253.743

69, 20.241,
258.296

85, 4.969, 72.273

65, 26.242,
260.548

89, 11.432, 71.358

61, 32.082,
263.234

93, 16.685, 76.017

58, 37.769,
266.408

95, 19.600, 92.741

54, 43.340,
270.096

98, 23.703,
104.271

51, 48.876,
274.270

99, 25.827,
108.218

47, 54.482,
278.816

45, 58.956,

Harmonies

Complementary

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



77, 7.822, 254.869



78, 8.092, 71.703

Rectangle

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



77, 7.822, 254.869



77, 7.822, 304.869



77, 7.822, 74.869



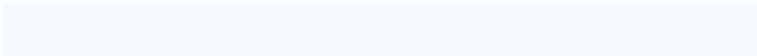
77, 7.822, 124.869

Sweetspot

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



77, 7.821, 254.857



98, 3.079, 253.848



80, 11.615, 160.923



52, 2.187, 253.921



0, 0.000, 0.000



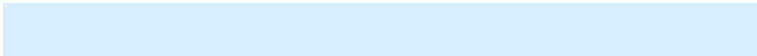
53, 0.007, 296.813

Same Dimension

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



77, 7.821, 254.857



93, 11.449, 255.283



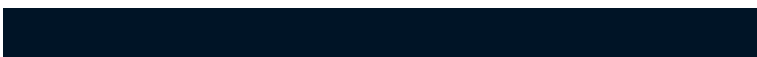
74, 13.101, 290.144



41, 3.627, 254.467



37, 49.842, 281.612



6, 14.770, 269.308

Inverse Universe

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



75, 11.670, 343.564



90, 17.171, 343.832



81, 12.763, 107.606



40, 5.384, 343.306



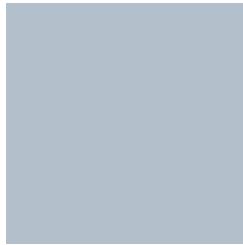
36, 61.677, 359.740



4, 20.129, 352.266

Previews

White Background



This preview shows how the CIELCh color 77, 7.822, 254.869 looks on a white background.

Color Contrast Check

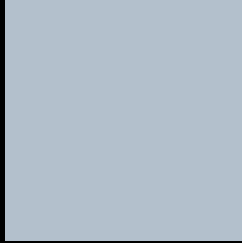
Large Text (above 18pt) WCAG AA × Fail

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, 7.822, 254.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

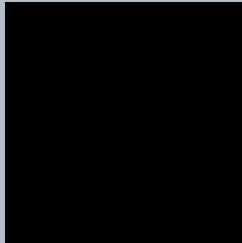
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

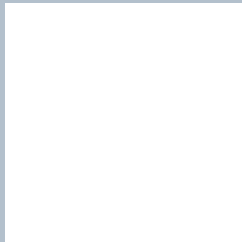
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.822, 254.869

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.822, 254.869.



This preview shows how white text looks on a background with the CIELCh color 77, 7.822, 254.869.

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, 7.822, 254.869

Protanopia

77, 7.003, 293.769

Deuteranopia

77, 12.268, 319.223



Tritanopia
77, 9.477, 264.637

Trichromacy



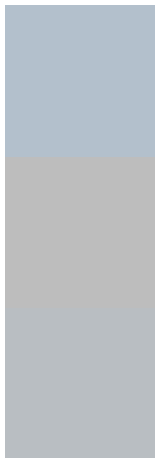
Original Color
77, 7.822, 254.869

Protanomaly
77, 7.102, 279.240

Deuteranomaly
77, 9.952, 303.531

Tritanomaly
77, 9.005, 263.021

Monochromacy



Original Color
77, 7.822, 254.869

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.795, 249.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.822, 254.869 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(179, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 204)  
}
```

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(179, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.822, 254.869 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(179, 192, 204) }
```

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

```
.border{ border-color:rgb(179, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.822, 254.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 204) }
```

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

```
.background{ background-color: rgb(179,  
192, 204) }
```

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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