

Converting Colors

CIELCh(77, 8.906, 223.653)

Have a look what the booklet for
CIELCh(77, 8.906, 223.653) contains.

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Color

CIELCh(77, 8.826, 224.196)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | ABC2C9 |
| RGB | 171, 194, 201 |
| RGB Percent | 67%, 76%, 79% |
| CMY | 0.3289, 0.2387, 0.2113 |
| CMYK | 0.15, 0.03, 0.00, 0.21 |
| HSL | 194°, 22%, 73% |
| HSV | 194°, 15%, 79% |
| XYZ | 46.6963, 51.5317, 62.8194 |
| YIQ | 187.9210, -15.9550, -2.6990 |

Conversions

Conversions Part 2

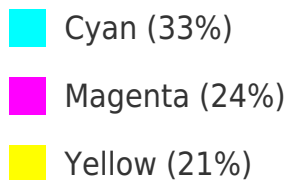
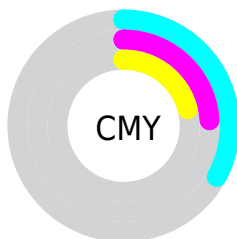
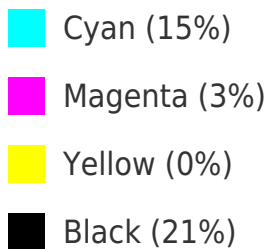
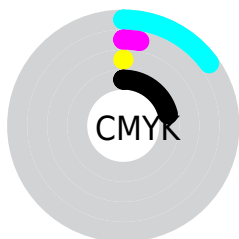
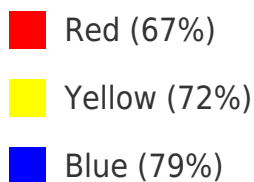
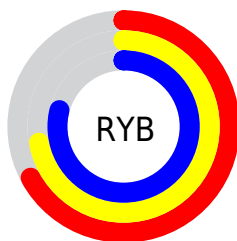
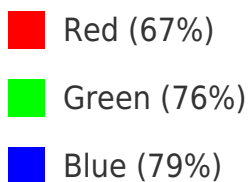
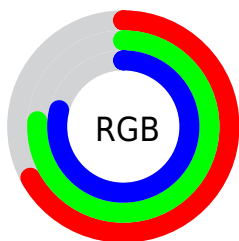
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 184, 201 |
| Decimal | 11256521 |
| CIELab | 77.00, -6.33, -6.15 |
| CIELCh | 77, 8.826, 224.196 |
| Yxy | 51.5317, 0.2900, 0.3200 |
| Android (android.graphics.Color) | 4289446601 (0xFFABC2C9) |
| YUV | 187.9210, 6.4479, -14.8397 |
| Hunter-Lab | 71.7856, -9.5112, -1.6346 |

Details

The CIELCh color **77, 8.826, 224.196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 9.681, 42.862**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 8.166, 217.316**, and **57, 8.909, 225.513** is the 20% darker color. If you saturate the color by 10%, you get **74, 14.318, 224.879**, and if you desaturate by 10%, it is **80, 2.982, 223.776**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 8.826, 224.196 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, 8.826, 224.196 by changing the saturation by 10% instead.

 77, 8.826, 224.196

 77, 8.826, 224.196

 100, 8.826,
224.196

 67, 8.826, 224.196

 97, 8.826, 224.196

 57, 8.826, 224.196

 47, 8.826, 224.196

 37, 8.826, 224.196

 27, 8.826, 224.196

 17, 8.826, 224.196

 7, 8.826, 224.196

 0, 8.826, 224.196

 77, 8.826, 224.196

 77, 8.826, 224.196

74, 14.318,
224.879

80, 2.982, 223.776

72, 19.375,
225.830

82, 3.137, 43.048

70, 23.910,
227.092

85, 9.467, 42.900

67, 27.843,
228.738

88, 15.952, 42.750

65, 31.113,
230.854

90, 16.656, 50.830

63, 33.699,
233.531

91, 16.627, 60.858

62, 35.636,
236.849

92, 17.108, 70.592

60, 37.035,
240.844

93, 18.054, 79.517

59, 37.664,

94, 19.393, 87.347

Harmonies

Complementary

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



77, 8.826, 224.196



74, 9.681, 42.862

Rectangle

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



77, 8.826, 224.196



77, 8.826, 274.196



77, 8.826, 44.196



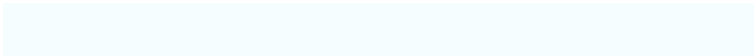
77, 8.826, 94.196

Sweetspot

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



77, 8.826, 224.185



99, 2.947, 223.776



78, 16.845, 150.117



52, 2.091, 223.776



0, 0.000, 0.000



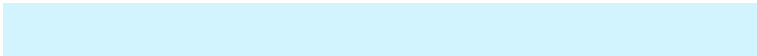
53, 0.007, 296.813

Same Dimension

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



77, 8.826, 224.185



94, 12.795, 224.390



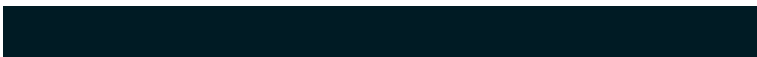
73, 11.978, 276.903



41, 3.372, 223.906



49, 32.149, 242.275



8, 11.124, 232.385

Inverse Universe

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



73, 16.714, 332.661



89, 24.490, 332.888



78, 11.913, 93.094



39, 6.275, 332.285



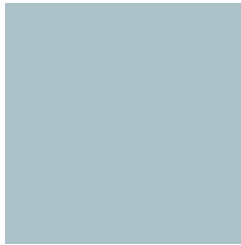
37, 69.277, 340.110



4, 21.795, 336.735

Previews

White Background



This preview shows how the CIELCh color 77, 8.826, 224.196 looks on a white background.

Color Contrast Check

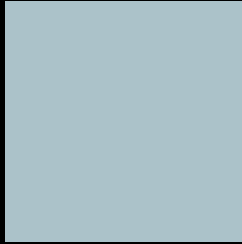
Large Text (above 18pt) WCAG AA × Fail

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, 8.826, 224.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

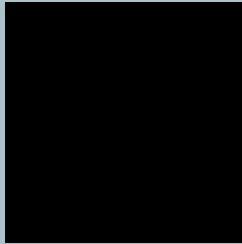
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

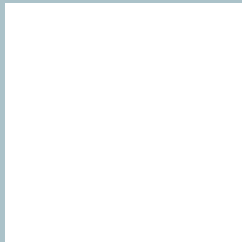
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 8.826, 224.196

Background



This preview shows how black text looks on a background with the CIELCh color 77, 8.826, 224.196.



This preview shows how white text looks on a background with the CIELCh color 77, 8.826, 224.196.

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, 8.826, 224.196

Protanopia

77, 4.905, 299.142

Deuteranopia

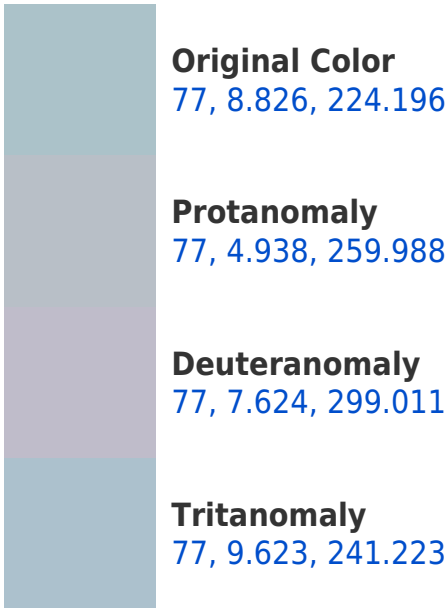
77, 12.188, 323.485



Tritanopia

77, 10.699, 248.097

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 8.826, 224.196 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(171, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 201)  
}
```

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(171, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 8.826, 224.196 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(171, 194, 201) }
```

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

```
.border{ border-color:rgb(171, 194, 201) }
```

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

Here you see how a box with a 4 pixel rgb(171, 194, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(171, 194,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 8.826, 224.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 201) }
```

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

```
.background{ background-color: rgb(171,  
194, 201) }
```

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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