

Converting Colors

CIELCh(77, 12.651, 241.839)

Have a look what the booklet for
CIELCh(77, 12.651, 241.839)
contains.

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Color

CIELCh(77, 12.655, 241.860)

Conversions

Conversions Part 1

Format	Color
Hex	A6C2D2
RGB	166, 194, 210
RGB Percent	65%, 76%, 82%
CMY	0.3478, 0.2380, 0.1752
CMYK	0.21, 0.08, 0.00, 0.18
HSL	202°, 33%, 74%
HSV	202°, 21%, 82%
XYZ	46.8240, 51.5317, 68.6582
YIQ	187.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

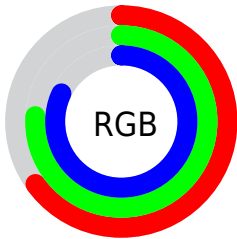
Format	Color
RYB	166, 183, 210
Decimal	10928850
CIELab	77.00, -5.97, -11.16
CIELCh	77, 12.655, 241.860
Yxy	51.5317, 0.2804, 0.3085
Android (android.graphics.Color)	4289118930 (0xFFA6C2D2)
YUV	187.4520, 11.1162, -18.8134
Hunter-Lab	71.7856, -9.1936, -6.4571

Details

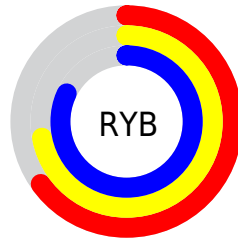
The CIELCh color $77, 12.655, 241.860$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $76, 14.022, 57.565$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.741, 214.181$, and $57, 12.955, 243.872$ is the 20% darker color. If you saturate the color by 10%, you get $74, 18.305, 243.396$, and if you desaturate by 10%, it is $80, 6.728, 240.626$.

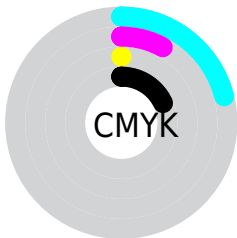
Distribution



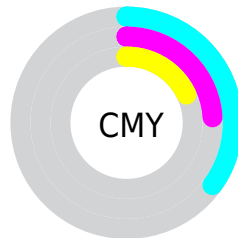
- Red (65%)
- Green (76%)
- Blue (82%)



- Red (65%)
- Yellow (72%)
- Blue (82%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)




- Cyan (35%)
- Magenta (24%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 12.655, 241.860 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, 12.655, 241.860 by changing the saturation by 10% instead.

 77, 12.655,
241.860

 77, 12.655,
241.860


 100, 12.655,
241.860


 67, 12.655,
241.860


 97, 12.655,
241.860

 57, 12.655,
241.860

 47, 12.655,
241.860

 37, 12.655,
241.860

 27, 12.655,
241.860

 17, 12.655,
241.860

 7, 12.655, 241.860

0, 12.655, 241.860

77, 12.655,
241.860

77, 12.655,
241.860

74, 18.305,
243.396

80, 6.728, 240.626

70, 23.622,
245.309

84, 0.583, 240.364

67, 28.556,
247.670

88, 5.731, 58.606

64, 33.077,
250.562

91, 12.169, 57.962

61, 37.192,
254.056

93, 14.197, 72.966

58, 40.958,
258.188

95, 16.240, 89.051

97, 19.244,
100.731

99, 22.569,

■ 56, 44.499,
262.919

108.467

■ 54, 47.701,
267.493

Harmonies

Complementary

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



77, 12.655, 241.860



76, 14.022, 57.565

Rectangle

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



77, 12.655, 241.860



77, 12.655, 291.860



77, 12.655, 61.860



77, 12.655, 111.860

Sweetspot

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



77, 12.654, 241.853



98, 4.356, 240.159



81, 22.205, 154.743



52, 2.886, 240.215



0, 0.000, 0.000



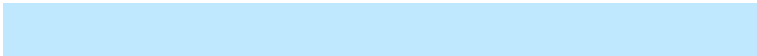
53, 0.007, 296.813

Same Dimension

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



77, 12.654, 241.853



90, 17.520, 242.483



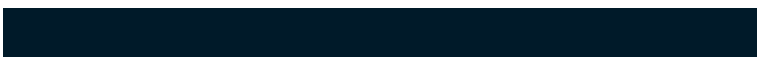
71, 20.487, 285.894



42, 3.487, 240.468



43, 39.972, 266.617



8, 13.504, 254.851

Inverse Universe

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



73, 22.255, 338.548



84, 31.135, 338.915



82, 19.863, 100.937



41, 5.958, 337.624



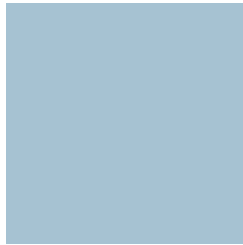
37, 65.244, 349.634



5, 23.604, 344.852

Previews

White Background



This preview shows how the CIELCh color 77, 12.655, 241.860 looks on a white background.

Color Contrast Check

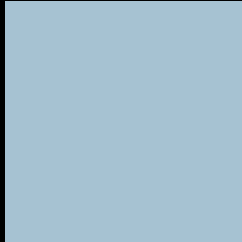
Large Text (above 18pt) WCAG AA × Fail

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, 12.655, 241.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

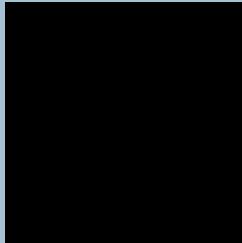
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

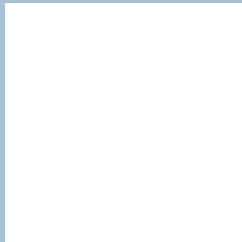
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.655, 241.860

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.655, 241.860.



This preview shows how white text looks on a background with the CIELCh color 77, 12.655, 241.860.

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

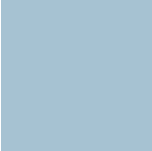
77, 12.655, 241.860

Protanopia

77, 10.220, 291.125

Deuteranopia

77, 15.306, 309.001



Tritanopia
77, 12.655, 241.860

Trichromacy



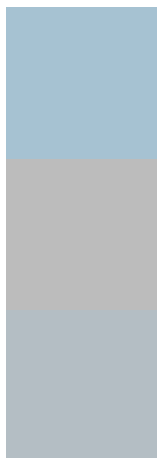
Original Color
77, 12.655, 241.860

Protanomaly
77, 10.211, 271.030

Deuteranomaly
77, 12.376, 288.078

Tritanomaly
77, 12.655, 241.860

Monochromacy



Original Color
77, 12.655, 241.860

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.785, 241.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.655, 241.860 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(166, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 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(166, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.655, 241.860 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(166, 194, 210) }
```

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

```
.border{ border-color:rgb(166, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(166, 194,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.655, 241.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 210) }
```

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

```
.background{ background-color: rgb(166,  
194, 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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