

Converting Colors

CIELCh(77, 11.989, 146.346)

Have a look what the booklet for
CIELCh(77, 11.989, 146.346)
contains.

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Color

CIELCh(77, 11.591, 146.861)

Conversions

Conversions Part 1

Format	Color
Hex	B0C3B2
RGB	176, 195, 178
RGB Percent	69%, 76%, 70%
CMY	0.3094, 0.2349, 0.3016
CMYK	0.10, 0.00, 0.09, 0.23
HSL	126°, 14%, 73%
HSV	126°, 10%, 77%
XYZ	45.5072, 51.5317, 49.7168
YIQ	187.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

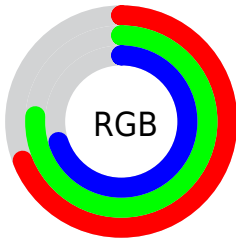
Format	Color
RYB	176, 193, 195
Decimal	11584434
CIELab	77.00, -9.71, 6.34
CIELCh	77, 11.591, 146.861
Yxy	51.5317, 0.3101, 0.3511
Android (android.graphics.Color)	4289774514 (0xFFB0C3B2)
YUV	187.3810, -4.6248, -9.9811
Hunter-Lab	71.7856, -12.4681, 9.1873

Details

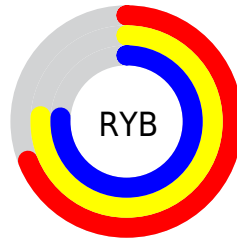
The CIELCh color **77, 11.591, 146.861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 11.617, 327.969**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 11.656, 146.816**, and **57, 11.628, 146.851** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.599, 146.135**, and if you desaturate by 10%, it is **79, 0.314, 326.561**.

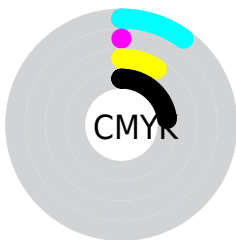
Distribution



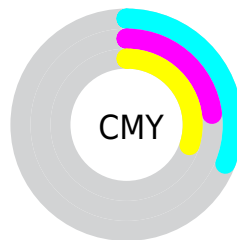
- Red (69%)
- Green (76%)
- Blue (70%)



- Red (69%)
- Yellow (76%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 11.591, 146.861 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, 11.591, 146.861 by changing the saturation by 10% instead.


 77, 11.591,
146.861


 77, 11.591,
146.861


 100, 11.591,
146.861


 67, 11.591,
146.861


 97, 11.591,
146.861

 57, 11.591,
146.861

 47, 11.591,
146.861

 37, 11.591,
146.861

 27, 11.591,
146.861

 17, 11.591,
146.861

 7, 11.591, 146.861

0, 11.591, 146.861

77, 11.591,
146.861

77, 11.591,
146.861

75, 23.599,
146.135

79, 0.314, 326.561

74, 35.550,
145.297

81, 12.010,
327.946

72, 47.243,
144.328

83, 23.418,
328.405

71, 58.425,
143.219

85, 34.492,
328.795

71, 68.803,
141.977

86, 37.569,
325.729

70, 78.044,
140.636

■ 69, 85.802,
139.264

■ 69, 91.739,
137.973

■ 69, 95.686,
136.951

Harmonies

Complementary

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



77, 11.591, 146.861



74, 11.617, 327.969

Rectangle

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



77, 11.591, 146.861



77, 11.591, 196.861



77, 11.591, 326.861



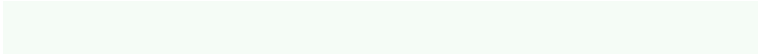
77, 11.591, 16.861

Sweetspot

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



77, 11.593, 146.861



98, 4.374, 147.333



78, 10.150, 113.323



53, 3.346, 147.268



0, 0.000, 0.000



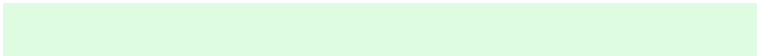
53, 0.007, 296.813

Same Dimension

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



77, 11.593, 146.861



96, 17.631, 146.692



77, 8.097, 168.602



40, 6.708, 146.887



57, 82.599, 137.094



10, 23.064, 146.021

Inverse Universe

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



74, 11.617, 327.969



92, 17.665, 328.116



74, 8.256, 350.244



38, 6.722, 327.946



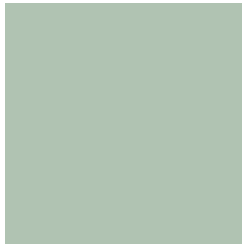
37, 75.389, 332.867



4, 21.945, 330.175

Previews

White Background



This preview shows how the CIELCh color 77, 11.591, 146.861 looks on a white background.

Color Contrast Check

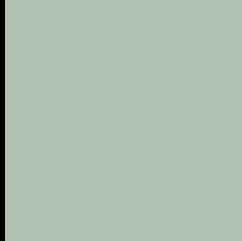
Large Text (above 18pt) WCAG AA × Fail

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, 11.591, 146.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

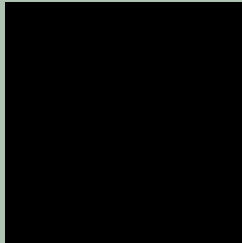
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 11.591, 146.861

Background



This preview shows how black text looks on a background with the CIELCh color 77, 11.591, 146.861.



This preview shows how white text looks on a background with the CIELCh color 77, 11.591, 146.861.

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, 11.591, 146.861

Protanopia
77, 8.078, 87.196

Deuteranopia
77, 11.245, 28.422



Tritanopia
77, 8.719, 267.104

Trichromacy



Original Color
77, 11.591, 146.861

Protanomaly
77, 8.062, 114.816

Deuteranomaly
77, 6.247, 62.810

Tritanomaly
77, 5.101, 224.131

Monochromacy



Original Color
77, 11.591, 146.861

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.156, 148.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 11.591, 146.861 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(176, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 195, 178)  
}
```

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(176, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 195, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 11.591, 146.861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

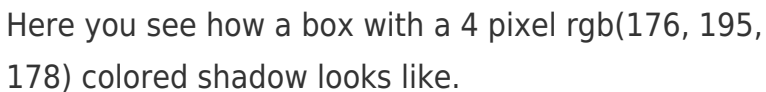
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 195, 178) }
```

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

```
.border{ border-color:rgb(176, 195, 178) }
```

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



Here you see how a box with a 4 pixel rgb(176, 195, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 195,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 11.591, 146.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 195, 178) }
```

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

```
.background{ background-color: rgb(176,  
195, 178) }
```

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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