

Converting Colors

CIELCh(76, 11.125, 275.347)

Have a look what the booklet for
CIELCh(76, 11.125, 275.347)
contains.

CIELCh(76, 11.146, 274.799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 11.146, 274.799)

Conversions

Conversions Part 1

Format	Color
Hex	B3BCD0
RGB	179, 188, 208
RGB Percent	70%, 74%, 82%
CMY	0.2995, 0.2642, 0.1858
CMYK	0.14, 0.10, 0.00, 0.19
HSL	221°, 23%, 76%
HSV	221°, 14%, 81%
XYZ	47.7516, 49.8872, 66.5469
YIQ	187.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

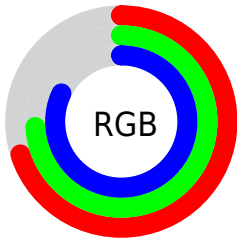
Format	Color
RYB	179, 186, 208
Decimal	11779280
CIELab	76.00, 0.93, -11.11
CIELCh	76, 11.146, 274.799
Yxy	49.8872, 0.2908, 0.3038
Android (android.graphics.Color)	4289969360 (0xFFB3BCD0)
YUV	187.5890, 10.0626, -7.5326
Hunter-Lab	70.6309, -2.9251, -6.4201

Details

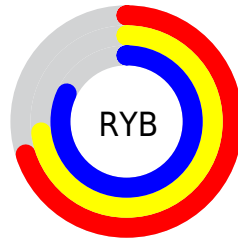
The CIELCh color **76, 11.146, 274.799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 11.130, 91.169**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.377, 261.736**, and **56, 11.273, 274.543** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.301, 276.386**, and if you desaturate by 10%, it is **81, 3.140, 273.472**.

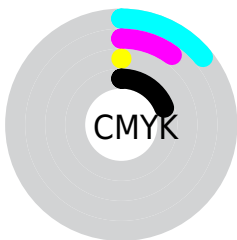
Distribution



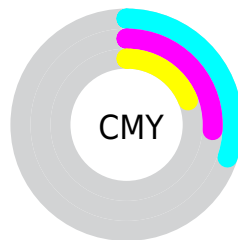
- Red (70%)
- Green (74%)
- Blue (82%)



- Red (70%)
- Yellow (73%)
- Blue (82%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)





- Cyan (30%)
- Magenta (26%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.146, 274.799 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 76, 11.146, 274.799 by changing the saturation by 10% instead.


 76, 11.146,
274.799


 76, 11.146,
274.799


 100, 11.146,
274.799


 66, 11.146,
274.799


 96, 11.146,
274.799

 56, 11.146,
274.799

 46, 11.146,
274.799

 36, 11.146,
274.799

 26, 11.146,
274.799

 16, 11.146,
274.799

 6, 11.146, 274.799

0, 11.146, 274.799

76, 11.146,
274.799

76, 11.146,
274.799

71, 19.301,
276.386

81, 3.140, 273.472

87, 4.718, 92.165

65, 27.617,
278.256

92, 12.432, 91.171

60, 36.110,
280.442

96, 19.345, 97.418

55, 44.807,
282.979

99, 23.918,
108.364

50, 53.743,
285.881

45, 62.942,
289.119

■ 41, 72.373,
292.592

■ 37, 81.870,
296.115

■ 35, 87.504,
298.101

Harmonies

Complementary

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



76, 11.146, 274.799



80, 11.130, 91.169

Rectangle

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



76, 11.146, 274.799



76, 11.146, 324.799



76, 11.146, 94.799



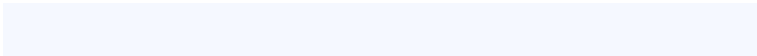
76, 11.146, 144.799

Sweetspot

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



76, 11.145, 274.793



98, 3.745, 273.481



81, 11.534, 173.555



52, 2.662, 273.567



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 11.145, 274.793



89, 16.078, 275.281



74, 15.864, 298.411



41, 4.538, 274.152



28, 73.710, 297.581



4, 20.139, 284.134

Inverse Universe

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



75, 11.940, 356.562



89, 17.280, 356.926



82, 15.395, 116.376



41, 4.837, 356.070



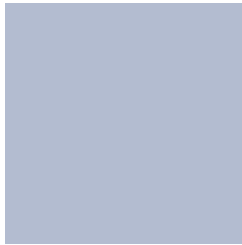
35, 63.790, 19.727



4, 20.536, 5.026

Previews

White Background



This preview shows how the CIELCh color 76, 11.146, 274.799 looks on a white background.

Color Contrast Check

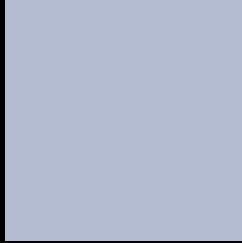
Large Text (above 18pt) WCAG AA × Fail

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 76, 11.146, 274.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

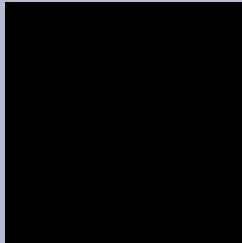
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

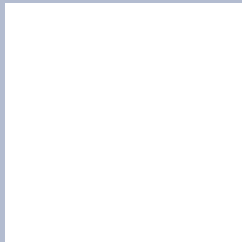
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.146, 274.799

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.146, 274.799.



This preview shows how white text looks on a background with the CIELCh color 76, 11.146, 274.799.

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

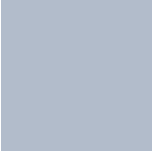
76, 11.146, 274.799

Protanopia

76, 11.316, 289.447

Deuteranopia

76, 15.350, 309.010



Tritanopia
76, 8.743, 267.129

Trichromacy



Original Color
76, 11.146, 274.799

Protanomaly
76, 10.835, 283.718

Deuteranomaly
76, 13.633, 298.861

Tritanomaly
76, 9.730, 269.870

Monochromacy



Original Color
76, 11.146, 274.799

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.430, 276.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.146, 274.799 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, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(179, 188, 208)  
}
```

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, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 188, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.146, 274.799 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, 188, 208) }
```

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

```
.border{ border-color:rgb(179, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(179, 188,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.146, 274.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 188, 208) }
```

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

```
.background{ background-color: rgb(179,  
188, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor