

Converting Colors

CIELCh(76, 11.681, 273.022)

Have a look what the booklet for
CIELCh(76, 11.681, 273.022)
contains.

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Color

CIELCh(76, 11.847, 272.406)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCD1
RGB	177, 188, 209
RGB Percent	69%, 74%, 82%
CMY	0.3061, 0.2629, 0.1806
CMYK	0.15, 0.10, 0.00, 0.18
HSL	219°, 26%, 76%
HSV	219°, 15%, 82%
XYZ	47.5950, 49.8872, 67.4088
YIQ	187.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

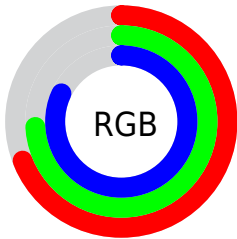
Format	Color
RYB	177, 185, 209
Decimal	11648209
CIELab	76.00, 0.50, -11.84
CIElCh	76, 11.847, 272.406
Yxy	49.8872, 0.2886, 0.3025
Android (android.graphics.Color)	4289838289 (0xFFB1BCD1)
YUV	187.1050, 10.7942, -8.8621
Hunter-Lab	70.6309, -3.3210, -7.1436

Details

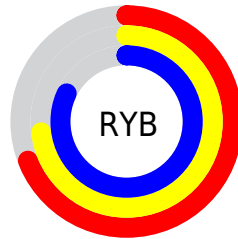
The CIELCh color **76, 11.847, 272.406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 11.901, 88.331**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.718, 256.610**, and **56, 12.014, 272.178** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.719, 274.059**, and if you desaturate by 10%, it is **81, 4.086, 271.013**.

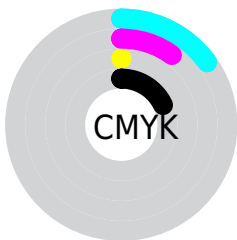
Distribution



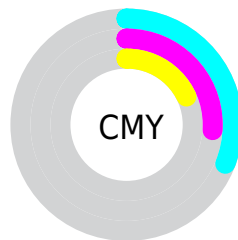
- Red (69%)
- Green (74%)
- Blue (82%)



- Red (69%)
- Yellow (73%)
- Blue (82%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (31%)
- Magenta (26%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.847, 272.406 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, 11.847, 272.406 by changing the saturation by 10% instead.

 76, 11.847,
272.406

 76, 11.847,
272.406

 100, 11.847,
272.406


 66, 11.847,
272.406


 96, 11.847,
272.406

 56, 11.847,
272.406

 46, 11.847,
272.406

 36, 11.847,
272.406

 26, 11.847,
272.406

 16, 11.847,
272.406

 6, 11.847, 272.406

0, 11.847, 272.406

76, 11.847,
272.406

76, 11.847,
272.406

71, 19.719,
274.059

81, 4.086, 271.013

86, 3.560, 89.650

66, 27.710,
276.008

91, 11.091, 88.636

61, 35.832,
278.288

96, 17.851, 93.995

56, 44.110,
280.937

99, 23.256,
108.415

51, 52.582,
283.970

46, 61.284,
287.354

■ 42, 70.214,
290.990

■ 38, 79.266,
294.692

■ 36, 83.494,
296.314

Harmonies

Complementary

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



76, 11.847, 272.406



80, 11.901, 88.331

Rectangle

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



76, 11.847, 272.406



76, 11.847, 322.406



76, 11.847, 92.406



76, 11.847, 142.406

Sweetspot

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



76, 11.846, 272.400



97, 4.519, 270.982



81, 12.980, 171.199



51, 3.084, 271.068



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, 11.846, 272.400



89, 16.399, 272.852



74, 17.491, 297.312



41, 4.375, 271.544



29, 69.946, 295.742



4, 19.499, 282.631

Inverse Universe

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



75, 13.419, 354.450



88, 18.629, 354.773



83, 16.913, 114.922



41, 4.923, 353.818



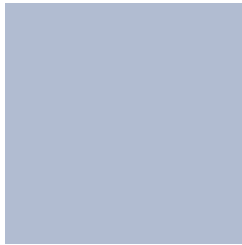
35, 62.968, 16.633



5, 20.682, 3.275

Previews

White Background



This preview shows how the CIELCh color 76, 11.847, 272.406 looks on a white background.

Color Contrast Check

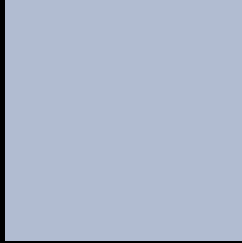
Large Text (above 18pt) WCAG AA × Fail

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, 11.847, 272.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

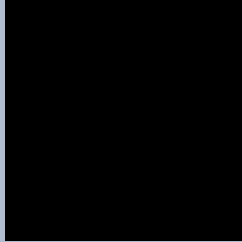
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

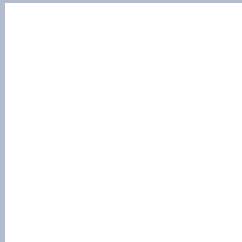
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.847, 272.406

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.847, 272.406.



This preview shows how white text looks on a background with the CIELCh color 76, 11.847, 272.406.

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, 11.847, 272.406

Protanopia

76, 11.864, 287.887

Deuteranopia

76, 15.863, 308.436



Tritanopia
76, 9.180, 261.105

Trichromacy



Original Color
76, 11.847, 272.406

Protanomaly
76, 11.460, 280.670

Deuteranomaly
76, 14.123, 297.192

Tritanomaly
76, 10.115, 264.333

Monochromacy



Original Color
76, 11.847, 272.406

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.526, 271.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.847, 272.406 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(177, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 209)  
}
```

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(177, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.847, 272.406 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(177, 188, 209) }
```

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

```
.border{ border-color:rgb(177, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 188,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.847, 272.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 209) }
```

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

```
.background{ background-color: rgb(177,  
188, 209) }
```

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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