

Converting Colors

CIELCh(77, 8.382, 273.745)

Have a look what the booklet for
CIELCh(77, 8.382, 273.745) contains.

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Color

CIELCh(77, 8.382, 273.745)

Conversions

Conversions Part 1

Format	Color
Hex	B7BECD
RGB	183, 190, 205
RGB Percent	72%, 75%, 80%
CMY	0.2809, 0.2534, 0.1946
CMYK	0.11, 0.07, 0.00, 0.19
HSL	221°, 18%, 76%
HSV	221°, 11%, 81%
XYZ	49.1803, 51.5317, 65.3558
YIQ	189.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

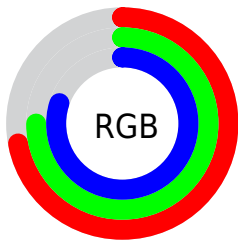
Format	Color
R_{YB}	183, 188, 205
Decimal	12041933
CIE _{Lab}	77.00, 0.55, -8.36
CIE _{LCh}	77, 8.382, 273.745
Yxy	51.5317, 0.2961, 0.3103
Android (android.graphics.Color)	4290232013 (0xFFB7BECD)
YUV	189.6170, 7.5838, -5.8031
Hunter-Lab	71.7856, -3.3345, -3.7295

Details

The CIELCh color $77, 8.382, 273.745$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 8.373, 90.965$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.163, 262.769$, and $57, 8.344, 272.977$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.338, 275.251$, and if you desaturate by 10%, it is $82, 0.562, 272.813$.

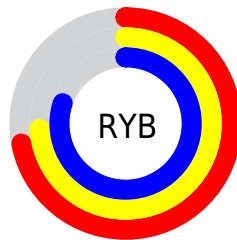
Distribution



Red (72%)

Green (75%)

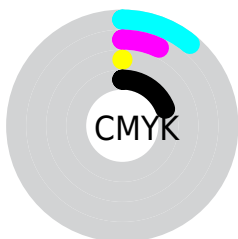
Blue (80%)



Red (72%)

Yellow (74%)

Blue (80%)

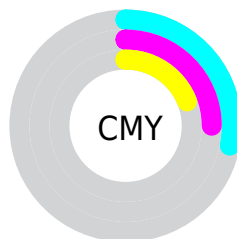


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (28%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 8.382, 273.745 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, 8.382, 273.745 by changing the saturation by 10% instead.

■ 77, 8.382, 273.745

■ 77, 8.382, 273.745

■ 100, 8.382,
273.745

■ 67, 8.382, 273.745

■ 97, 8.382, 273.745

■ 57, 8.382, 273.745

■ 47, 8.382, 273.745

■ 37, 8.382, 273.745

■ 27, 8.382, 273.745

■ 17, 8.382, 273.745

■ 7, 8.382, 273.745

■ 0, 8.382, 273.745

■ 77, 8.382, 273.745

■ 77, 8.382, 273.745

72, 16.338,
275.251

82, 0.562, 272.813

67, 24.442,
277.034

87, 7.119, 91.229

62, 32.703,
279.120

92, 14.664, 90.262

56, 41.144,
281.550

97, 21.088, 99.731

99, 25.042,
108.278

51, 49.799,
284.348

47, 58.699,
287.502

42, 67.848,
290.940

38, 77.151,
294.509

34, 85.710,

297.674

Harmonies

Complementary

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



77, 8.382, 273.745



80, 8.373, 90.965

Rectangle

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



77, 8.382, 273.745



77, 8.382, 323.745



77, 8.382, 93.745



77, 8.382, 143.745

Sweetspot

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



77, 8.381, 273.736



98, 2.786, 272.782



81, 8.886, 172.760



52, 2.112, 272.864



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, 8.381, 273.736



92, 12.144, 274.083



75, 11.977, 297.524



40, 4.408, 273.554



27, 71.929, 297.127



4, 18.449, 282.698

Inverse Universe

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



77, 9.061, 355.674



91, 13.165, 355.938



82, 11.698, 115.938



40, 4.758, 355.533



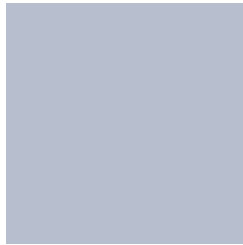
35, 62.845, 18.937



4, 18.631, 3.975

Previews

White Background



This preview shows how the CIELCh color 77, 8.382, 273.745 looks on a white background.

Color Contrast Check

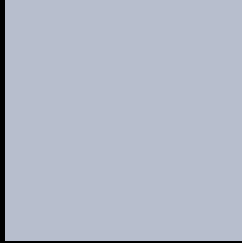
Large Text (above 18pt) WCAG AA × Fail

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, 8.382, 273.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

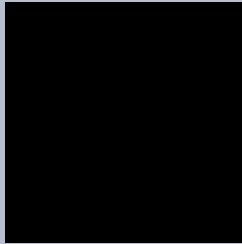
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

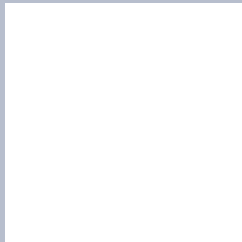
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 8.382, 273.745

Background



This preview shows how black text looks on a background with the CIELCh color 77, 8.382, 273.745.

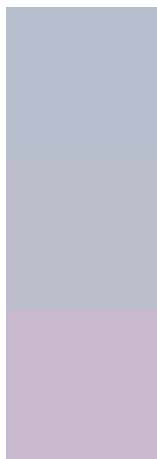


This preview shows how white text looks on a background with the CIELCh color 77, 8.382, 273.745.

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

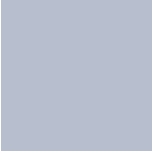
77, 8.382, 273.745

Protanopia

77, 8.062, 290.927

Deuteranopia

77, 13.218, 317.024



Tritanopia
77, 8.382, 273.745

Trichromacy



Original Color
77, 8.382, 273.745

Protanomaly
77, 8.107, 283.366

Deuteranomaly
77, 10.653, 306.706

Tritanomaly
77, 8.382, 273.745

Monochromacy



Original Color
77, 8.382, 273.745

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.297, 277.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 8.382, 273.745 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(183, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 205)  
}
```

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(183, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 8.382, 273.745 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(183, 190, 205) }
```

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

```
.border{ border-color:rgb(183, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 8.382, 273.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 205) }
```

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

```
.background{ background-color: rgb(183,  
190, 205) }
```

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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