

Converting Colors

CIELCh(77, 8.754, 262.899)

Have a look what the booklet for
CIELCh(77, 8.754, 262.899) contains.

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Color

CIELCh(77, 8.856, 265.027)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFCE
RGB	180, 191, 206
RGB Percent	71%, 75%, 81%
CMY	0.2934, 0.2502, 0.1914
CMYK	0.13, 0.07, 0.00, 0.19
HSL	215°, 21%, 76%
HSV	215°, 13%, 81%
XYZ	48.6985, 51.5317, 65.8902
YIQ	189.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

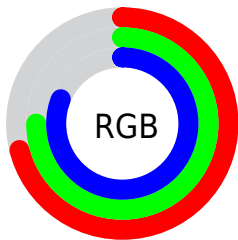
Format	Color
RYB	180, 188, 206
Decimal	11845582
CIELab	77.00, -0.77, -8.82
CIELCh	77, 8.856, 265.027
Yxy	51.5317, 0.2932, 0.3102
Android (android.graphics.Color)	4290035662 (0xFFB4BFCE)
YUV	189.4210, 8.1734, -8.2622
Hunter-Lab	71.7856, -4.5325, -4.1709

Details

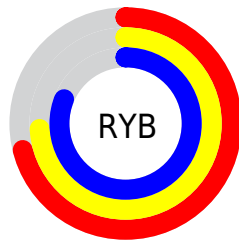
The CIELCh color $77, 8.856, 265.027$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 9.000, 81.623$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.514, 247.375$, and $57, 8.859, 263.918$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.894, 266.641$, and if you desaturate by 10%, it is $82, 1.836, 263.755$.

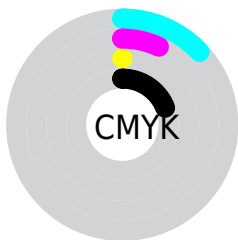
Distribution



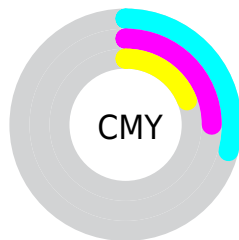
- Red (71%)
- Green (75%)
- Blue (81%)



- Red (71%)
- Yellow (74%)
- Blue (81%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 8.856, 265.027 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, 8.856, 265.027 by changing the saturation by 10% instead.

■ 77, 8.856, 265.027

■ 77, 8.856, 265.027

■ 100, 8.856,
265.027

■ 67, 8.856, 265.027

■ 97, 8.856, 265.027

■ 57, 8.856, 265.027

■ 47, 8.856, 265.027

■ 37, 8.856, 265.027

■ 27, 8.856, 265.027

■ 17, 8.856, 265.027

■ 7, 8.856, 265.027

■ 0, 8.856, 265.027

■ 77, 8.856, 265.027

■ 77, 8.856, 265.027

72, 15.894,
266.641

82, 1.836, 263.755

68, 22.941,
268.563

86, 5.150, 82.324

91, 12.091, 81.325

63, 29.994,
270.830

95, 17.749, 88.723

59, 37.061,
273.490

98, 22.582,
104.311

55, 44.167,
276.576

99, 24.641,
108.309

50, 51.362,
280.090

46, 58.707,
283.971

43, 66.247,
288.078

40, 71.947,

Harmonies

Complementary

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



77, 8.856, 265.027



79, 9.000, 81.623

Rectangle

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



77, 8.856, 265.027



77, 8.856, 315.027



77, 8.856, 85.027



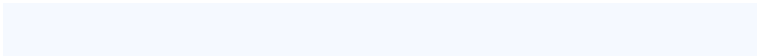
77, 8.856, 135.027

Sweetspot

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



77, 8.855, 265.017



98, 3.338, 263.882



81, 11.213, 166.328



52, 2.372, 263.966



0, 0.000, 0.000



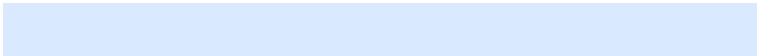
53, 0.007, 296.813

Same Dimension

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



77, 8.855, 265.017



92, 12.518, 265.408



74, 14.112, 293.983



41, 3.947, 264.555



32, 60.171, 290.372



5, 16.592, 277.080

Inverse Universe

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



76, 11.387, 349.116



90, 16.150, 349.377



82, 13.713, 111.718



40, 5.054, 348.795



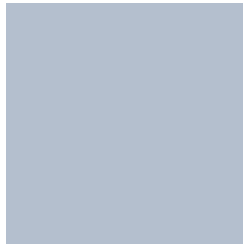
35, 61.212, 8.968



4, 19.253, 358.191

Previews

White Background



This preview shows how the CIELCh color 77, 8.856, 265.027 looks on a white background.

Color Contrast Check

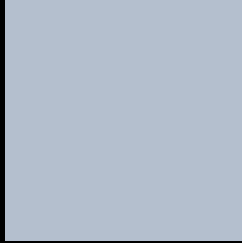
Large Text (above 18pt) WCAG AA × Fail

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, 8.856, 265.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

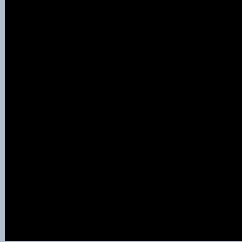
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

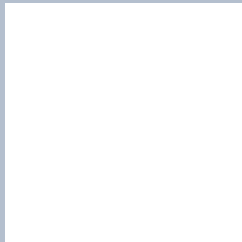
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 8.856, 265.027

Background



This preview shows how black text looks on a background with the CIELCh color 77, 8.856, 265.027.

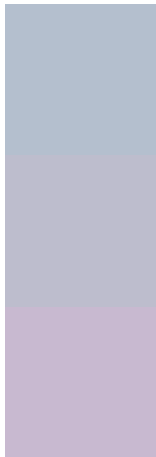


This preview shows how white text looks on a background with the CIELCh color 77, 8.856, 265.027.

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

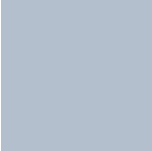
77, 8.856, 265.027

Protanopia

77, 8.599, 290.976

Deuteranopia

77, 13.552, 314.648



Tritanopia
77, 8.856, 265.027

Trichromacy



Original Color
77, 8.856, 265.027

Protanomaly
77, 8.155, 280.895

Deuteranomaly
77, 11.003, 302.371

Tritanomaly
77, 8.856, 265.027

Monochromacy



Original Color
77, 8.856, 265.027

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.516, 266.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 8.856, 265.027 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(180, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 206)  
}
```

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(180, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 8.856, 265.027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

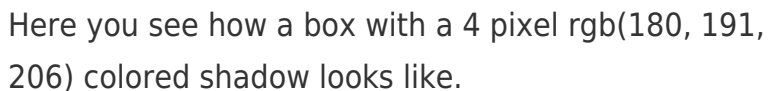
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 191, 206) }
```

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

```
.border{ border-color:rgb(180, 191, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 191, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 191, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 191, 206); box-shadow:4px 4px 4px 4px rgb(180, 191, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 8.856, 265.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 206) }
```

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

```
.background{ background-color: rgb(180,  
191, 206) }
```

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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