

Converting Colors

CIELCh(78, 8.475, 289.271)

Have a look what the booklet for
CIELCh(78, 8.475, 289.271) contains.

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Color

CIELCh(78, 8.576, 288.592)

Conversions

Conversions Part 1

Format	Color
Hex	BFC0D0
RGB	191, 192, 208
RGB Percent	75%, 75%, 82%
CMY	0.2517, 0.2478, 0.1851
CMYK	0.08, 0.08, 0.00, 0.19
HSL	236°, 15%, 78%
HSV	236°, 8%, 81%
XYZ	51.6073, 53.2120, 67.1010
YIQ	193.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

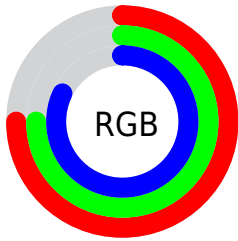
Format	Color
R _Y B	191, 192, 208
Decimal	12566736
CIE Lab	78.00, 2.73, -8.13
CIE LCh	78, 8.576, 288.592
Yxy	53.2120, 0.3002, 0.3095
Android (android.graphics.Color)	4290756816 (0xFFBFC0D0)
YUV	193.5250, 7.1362, -2.2144
Hunter-Lab	72.9466, -1.3737, -3.4762

Details

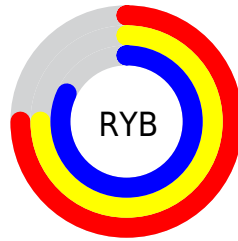
The CIELCh color $78, 8.576, 288.592$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.427, 106.877$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.594, 284.940$, and $58, 8.531, 288.658$ is the 20% darker color. If you saturate the color by 10%, you get $71, 19.412, 289.807$, and if you desaturate by 10%, it is $85, 1.862, 107.480$.

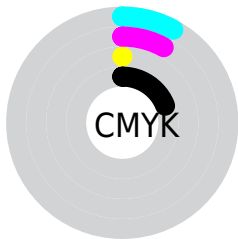
Distribution



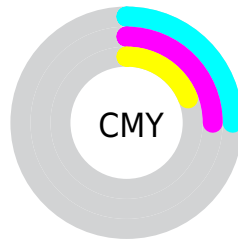
- Red (75%)
- Green (75%)
- Blue (82%)



- Red (75%)
- Yellow (75%)
- Blue (82%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.576, 288.592 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 78, 8.576, 288.592 by changing the saturation by 10% instead.

■ 78, 8.576, 288.592

■ 78, 8.576, 288.592

■ 100, 8.576,
288.592

■ 68, 8.576, 288.592

■ 98, 8.576, 288.592

■ 58, 8.576, 288.592

■ 48, 8.576, 288.592

■ 38, 8.576, 288.592

■ 28, 8.576, 288.592

■ 18, 8.576, 288.592

■ 8, 8.576, 288.592

■ 0, 8.576, 288.592

■ 78, 8.576, 288.592

■ 78, 8.576, 288.592

71, 19.412,
289.807

85, 1.862, 107.480

65, 30.687,
291.249

91, 11.926,
106.630

58, 42.430,
292.939

98, 21.646,
105.869

51, 54.657,
294.896

99, 23.828,
108.371

45, 67.320,
297.108

39, 80.195,
299.499

34, 92.681,
301.896

29, 103.562,
304.009

27, 111.179,

305.500

Harmonies

Complementary

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



78, 8.576, 288.592



83, 8.427, 106.877

Rectangle

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



78, 8.576, 288.592



78, 8.576, 338.592



78, 8.576, 108.592



78, 8.576, 158.592

Sweetspot

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



78, 8.574, 288.585



98, 2.456, 287.954



82, 6.102, 193.390



53, 1.396, 287.946



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 8.574, 288.585



92, 12.419, 288.806



78, 9.520, 307.087



40, 5.991, 288.724



20, 95.256, 305.495



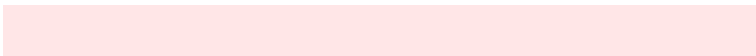
2, 24.502, 291.824

Inverse Universe

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



79, 6.379, 15.039



93, 9.271, 15.218



82, 9.390, 126.334



41, 4.467, 15.153



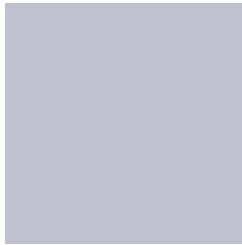
35, 74.056, 37.433



4, 20.026, 16.715

Previews

White Background



This preview shows how the CIELCh color 78, 8.576, 288.592 looks on a white background.

Color Contrast Check

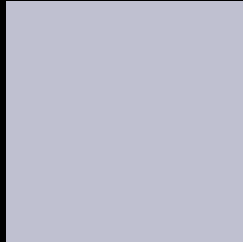
Large Text (above 18pt) WCAG AA × Fail

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 78, 8.576, 288.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

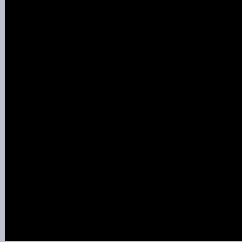
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

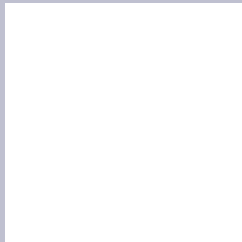
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.576, 288.592

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.576, 288.592.

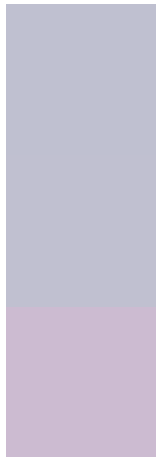


This preview shows how white text looks on a background with the CIELCh color 78, 8.576, 288.592.

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

78, 8.576, 288.592

Protanopia

78, 8.574, 290.964

Deuteranopia

78, 13.355, 318.429



Tritanopia
78, 8.041, 288.381

Trichromacy



Original Color
78, 8.576, 288.592

Protanomaly
78, 8.574, 290.964

Deuteranomaly
78, 11.358, 309.485

Tritanomaly
78, 8.041, 288.381

Monochromacy



Original Color
78, 8.576, 288.592

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.702, 282.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.576, 288.592 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(191, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 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(191, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.576, 288.592 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(191, 192, 208) }
```

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

```
.border{ border-color:rgb(191, 192, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.576, 288.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 208) }
```

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

```
.background{ background-color: rgb(191,  
192, 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](#).

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