

Converting Colors

CIELCh(78, 2.789, 281.434)

Have a look what the booklet for
CIELCh(78, 2.789, 281.434) contains.

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Color

CIELCh(78, 2.769, 275.248)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1C6
RGB	191, 193, 198
RGB Percent	75%, 76%, 78%
CMY	0.2515, 0.2436, 0.2240
CMYK	0.04, 0.03, 0.00, 0.22
HSL	223°, 6%, 76%
HSV	223°, 4%, 78%
XYZ	50.6713, 53.2120, 60.9467
YIQ	192.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

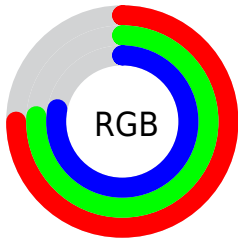
Format	Color
RYB	191, 193, 198
Decimal	12566982
CIELab	78.00, 0.25, -2.76
CIElCh	78, 2.769, 275.248
Yxy	53.2120, 0.3074, 0.3228
Android (android.graphics.Color)	4290757062 (0xFFBFC1C6)
YUV	192.9720, 2.4788, -1.7294
Hunter-Lab	72.9466, -3.6639, 1.5259

Details

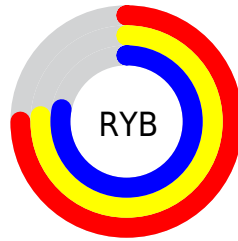
The CIELCh color $78, 2.769, 275.248$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 2.748, 94.219$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.137, 277.676$, and $58, 2.391, 271.710$ is the 20% darker color. If you saturate the color by 10%, you get $73, 10.677, 276.500$, and if you desaturate by 10%, it is $83, 4.978, 93.944$.

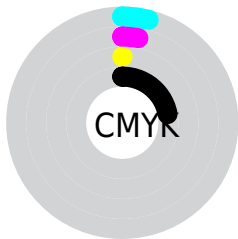
Distribution



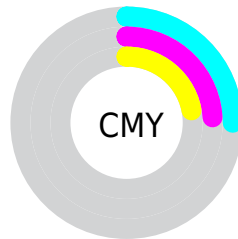
- Red (75%)
- Green (76%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.769, 275.248 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, 2.769, 275.248 by changing the saturation by 10% instead.

■ 78, 2.769, 275.248

■ 78, 2.769, 275.248

■ 100, 2.769,
275.248

■ 68, 2.769, 275.248

■ 98, 2.769, 275.248

■ 58, 2.769, 275.248

■ 48, 2.769, 275.248

■ 38, 2.769, 275.248

■ 28, 2.769, 275.248

■ 18, 2.769, 275.248

■ 8, 2.769, 275.248

■ 0, 2.769, 275.248

■ 78, 2.769, 275.248

■ 78, 2.769, 275.248

73, 10.677,
276.500

83, 4.978, 93.944

68, 18.757,
278.054

88, 12.565, 92.968

93, 19.995, 92.100

62, 27.021,
279.874

97, 26.169,
103.486

57, 35.486,
282.001

99, 28.797,
107.989

52, 44.180,
284.466

47, 53.134,
287.283

42, 62.361,
290.419

38, 71.805,
293.773

34, 81.251,

Harmonies

Complementary

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



78, 2.769, 275.248



79, 2.748, 94.219

Rectangle

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



78, 2.769, 275.248



78, 2.769, 325.248



78, 2.769, 95.248



78, 2.769, 145.248

Sweetspot

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



78, 2.768, 275.216



99, 0.966, 275.093



79, 2.799, 175.810



53, 0.550, 275.101



0, 0.000, 0.000



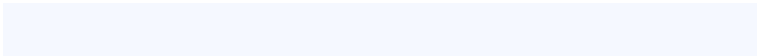
53, 0.007, 296.813

Same Dimension

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



78, 2.768, 275.216



97, 3.845, 275.271



78, 3.802, 298.231



41, 2.228, 275.342



26, 74.500, 298.707



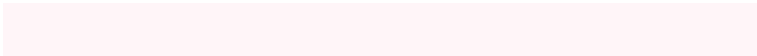
3, 17.331, 282.926

Inverse Universe

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



78, 2.815, 357.080



97, 3.914, 357.151



80, 3.757, 117.761



41, 2.270, 357.231



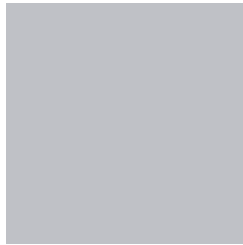
34, 63.017, 21.763



4, 16.464, 4.915

Previews

White Background



This preview shows how the CIELCh color 78, 2.769, 275.248 looks on a white background.

Color Contrast Check

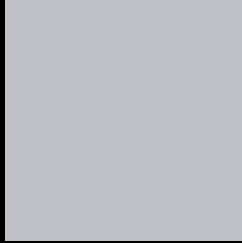
Large Text (above 18pt) WCAG AA × Fail

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, 2.769, 275.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

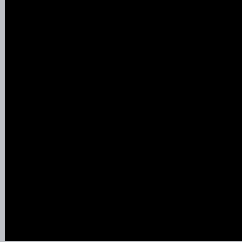
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

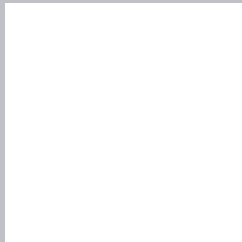
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.769, 275.248

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.769, 275.248.

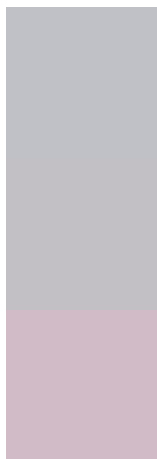


This preview shows how white text looks on a background with the CIELCh color 78, 2.769, 275.248.

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, 2.769, 275.248

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 10.092, 340.742



Tritanopia
78, 8.595, 293.342

Trichromacy



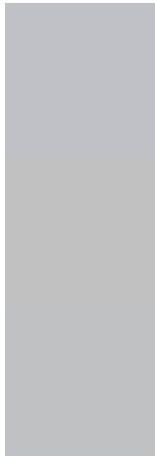
Original Color
78, 2.769, 275.248

Protanomaly
78, 2.715, 298.160

Deuteranomaly
78, 7.209, 331.990

Tritanomaly
78, 6.433, 290.774

Monochromacy



Original Color
78, 2.769, 275.248

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.134, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.769, 275.248 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, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 198)  
}
```

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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.769, 275.248 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, 193, 198) }
```

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

```
.border{ border-color:rgb(191, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.769, 275.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 198) }
```

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

```
.background{ background-color: rgb(191,  
193, 198) }
```

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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