

Converting Colors

CIELCh(78, 1.450, 248.236)

Have a look what the booklet for
CIELCh(78, 1.450, 248.236) contains.

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Color

CIELCh(78, 1.293, 255.945)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1C3
RGB	191, 193, 195
RGB Percent	75%, 76%, 76%
CMY	0.2506, 0.2428, 0.2349
CMYK	0.02, 0.01, 0.00, 0.23
HSL	210°, 3%, 76%
HSV	210°, 2%, 77%
XYZ	50.4589, 53.2120, 59.2945
YIQ	192.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

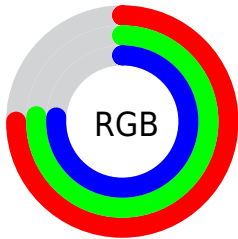
Format	Color
RYB	191, 192, 195
Decimal	12566979
CIELab	78.00, -0.31, -1.25
CIElCh	78, 1.293, 255.945
Yxy	53.2120, 0.3096, 0.3265
Android (android.graphics.Color)	4290757059 (0xFFBFC1C3)
YUV	192.6300, 1.1684, -1.4295
Hunter-Lab	72.9466, -4.1837, 2.8688

Details

The CIELCh color **78, 1.293, 255.945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 1.285, 74.805**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 1.681, 265.875**, and **58, 0.958, 236.256** is the 20% darker color. If you saturate the color by 10%, you get **74, 7.531, 256.970**, and if you desaturate by 10%, it is **82, 4.989, 74.363**.

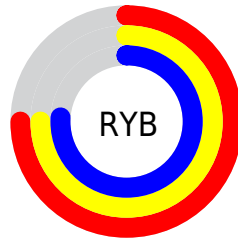
Distribution



Red (75%)

Green (76%)

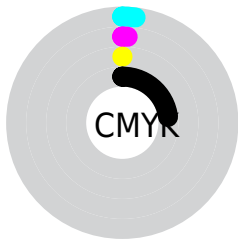
Blue (76%)



Red (75%)

Yellow (75%)

Blue (76%)

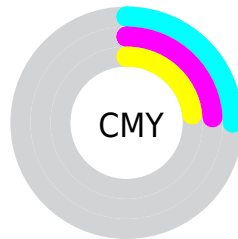


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.293, 255.945 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, 1.293, 255.945 by changing the saturation by 10% instead.

■ 78, 1.293, 255.945

■ 78, 1.293, 255.945

■ 100, 1.293,
255.945

■ 68, 1.293, 255.945

■ 98, 1.293, 255.945

■ 58, 1.293, 255.945

■ 48, 1.293, 255.945

■ 38, 1.293, 255.945

■ 28, 1.293, 255.945

■ 18, 1.293, 255.945

■ 8, 1.293, 255.945

■ 0, 1.293, 255.945

■ 78, 1.293, 255.945

■ 78, 1.293, 255.945

74, 7.531, 256.970

82, 4.989, 74.363

70, 13.703,
258.539

86, 11.290, 73.427

66, 19.784,
260.422

90, 17.591, 72.597

62, 25.754,
262.668

93, 20.957, 83.858

58, 31.602,
265.336

98, 28.545,
105.337

55, 37.339,
268.475

99, 30.181,
107.883

51, 43.005,
272.107

48, 48.673,
276.200

45, 54.436,
280.640

Harmonies

Complementary

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



78, 1.293, 255.945



78, 1.285, 74.805

Rectangle

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



78, 1.293, 255.945



78, 1.293, 305.945



78, 1.293, 75.945



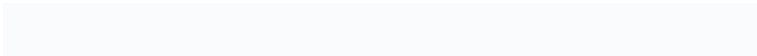
78, 1.293, 125.945

Sweetspot

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



78, 1.292, 255.858



99, 0.782, 256.013



78, 1.842, 162.814



53, 0.448, 256.035



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, 1.292, 255.858



98, 1.554, 255.858



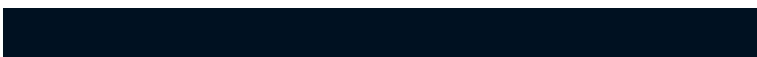
77, 2.116, 289.742



41, 0.711, 255.862



35, 50.506, 283.470



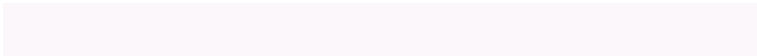
5, 12.810, 269.335

Inverse Universe

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



78, 1.839, 343.556



98, 2.211, 343.553



79, 2.088, 109.281



41, 1.012, 343.521



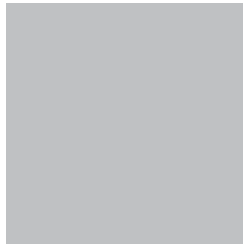
34, 60.051, 1.426



3, 15.838, 352.286

Previews

White Background



This preview shows how the CIELCh color 78, 1.293, 255.945 looks on a white background.

Color Contrast Check

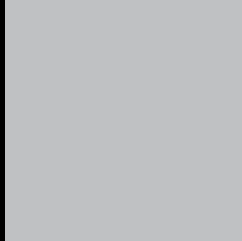
Large Text (above 18pt) WCAG AA × Fail

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, 1.293, 255.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

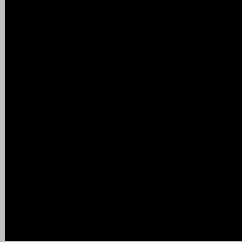
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

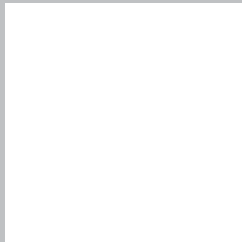
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.293, 255.945

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.293, 255.945.

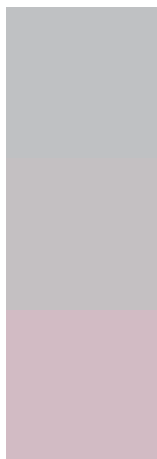


This preview shows how white text looks on a background with the CIELCh color 78, 1.293, 255.945.

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, 1.293, 255.945

Protanopia

78, 1.836, 343.598

Deuteranopia

78, 9.824, 350.915



Tritanopia
78, 8.088, 295.988

Trichromacy



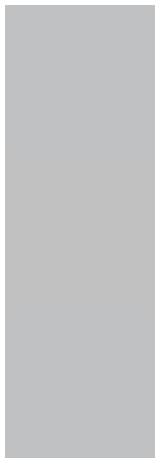
Original Color
78, 1.293, 255.945

Protanomaly
78, 1.314, 324.307

Deuteranomaly
78, 6.413, 344.155

Tritanomaly
78, 5.362, 290.679

Monochromacy



Original Color
78, 1.293, 255.945

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.651, 256.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 1.293, 255.945 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.293, 255.945 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, 195) }
```

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

```
.border{ border-color:rgb(191, 193, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.293, 255.945 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, 195) }
```

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

```
.background{ background-color: rgb(191,  
193, 195) }
```

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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