

Converting Colors

CIELCh(78, 11.550, 294.948)

Have a look what the booklet for
CIELCh(78, 11.550, 294.948)
contains.

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Color

CIELCh(78, 11.293, 294.785)

Conversions

Conversions Part 1

Format	Color
Hex	C1BFD4
RGB	193, 191, 212
RGB Percent	76%, 75%, 83%
CMY	0.2440, 0.2519, 0.1695
CMYK	0.09, 0.10, 0.00, 0.17
HSL	246°, 20%, 79%
HSV	246°, 10%, 83%
XYZ	52.3701, 53.2120, 69.6451
YIQ	193.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

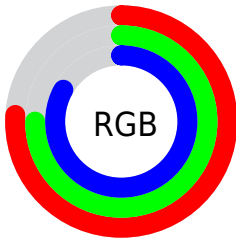
Format	Color
R_{YB}	193, 191, 212
Decimal	12697556
CIE _{Lab}	78.00, 4.73, -10.25
CIE _{LCh}	78, 11.293, 294.785
Yxy	53.2120, 0.2989, 0.3037
Android (android.graphics.Color)	4290887636 (0xFFC1BFD4)
YUV	193.9920, 8.8779, -0.8700
Hunter-Lab	72.9466, 0.4929, -5.5440

Details

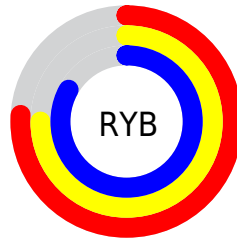
The CIELCh color **78, 11.293, 294.785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 11.037, 113.106**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 4.239, 304.727**, and **58, 10.825, 293.385** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.136, 295.796**, and if you desaturate by 10%, it is **85, 0.087, 113.572**.

Distribution



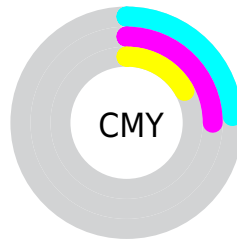
- Red (76%)
- Green (75%)
- Blue (83%)



- Red (76%)
- Yellow (75%)
- Blue (83%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)





- Cyan (24%)
- Magenta (25%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 11.293, 294.785 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, 11.293, 294.785 by changing the saturation by 10% instead.


 78, 11.293,
294.785


 78, 11.293,
294.785


 100, 11.293,
294.785


 68, 11.293,
294.785


 98, 11.293,
294.785

 58, 11.293,
294.785

 48, 11.293,
294.785

 38, 11.293,
294.785

 28, 11.293,
294.785

 18, 11.293,
294.785

 8, 11.293, 294.785

0, 11.293, 294.785

78, 11.293,
294.785

78, 11.293,
294.785

71, 23.136,
295.796

85, 0.087, 113.572

64, 35.473,
296.979

92, 11.031,
113.163

57, 48.311,
298.343

99, 21.570,
112.530

50, 61.604,
299.886

99, 21.840,
108.523

44, 75.173,
301.569

38, 88.551,
303.290

■ 33, 100.750,
304.853

■ 29, 110.169,
305.980

■ 26, 115.758,
306.555

Harmonies

Complementary

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



78, 11.293, 294.785



84, 11.037, 113.106

Rectangle

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



78, 11.293, 294.785



78, 11.293, 344.785



78, 11.293, 114.785



78, 11.293, 164.785

Sweetspot

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



78, 11.291, 294.781



98, 3.927, 294.174



83, 6.835, 206.798



52, 2.980, 294.241



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, 11.291, 294.781



90, 15.961, 294.992



79, 12.113, 312.331



41, 6.519, 294.735



20, 98.594, 306.618



2, 27.679, 296.414

Inverse Universe

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



79, 12.727, 327.671



92, 17.936, 327.803



83, 11.972, 131.518



42, 7.353, 327.641



40, 79.486, 332.394



6, 30.743, 331.384

Previews

White Background



This preview shows how the CIELCh color 78, 11.293, 294.785 looks on a white background.

Color Contrast Check

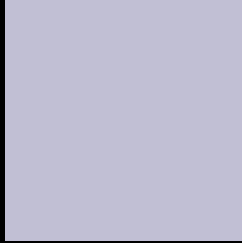
Large Text (above 18pt) WCAG AA × Fail

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, 11.293, 294.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

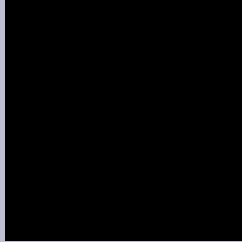
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

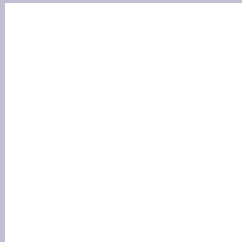
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 11.293, 294.785

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.293, 294.785.



This preview shows how white text looks on a background with the CIELCh color 78, 11.293, 294.785.

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

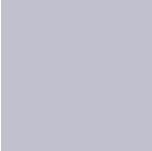
78, 11.293, 294.785

Protanopia

78, 11.261, 289.420

Deuteranopia

78, 13.870, 312.395



Tritanopia
78, 8.039, 290.917

Trichromacy



Original Color
78, 11.293, 294.785

Protanomaly
78, 11.261, 291.207

Deuteranomaly
78, 12.890, 307.277

Tritanomaly
78, 9.109, 291.012

Monochromacy



Original Color
78, 11.293, 294.785

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.775, 296.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 11.293, 294.785 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(193, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 212)  
}
```

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(193, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.293, 294.785 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(193, 191, 212) }
```

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

```
.border{ border-color:rgb(193, 191, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 212);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.293, 294.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 212) }
```

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

```
.background{ background-color: rgb(193,  
191, 212) }
```

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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