

Converting Colors

CIELCh(78, 15.809, 292.475)

Have a look what the booklet for
CIELCh(78, 15.809, 292.475)
contains.

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Color

CIELCh(78, 16.103, 292.867)

Conversions

Conversions Part 1

Format	Color
Hex	BFBEDC
RGB	191, 190, 220
RGB Percent	75%, 75%, 86%
CMY	0.2501, 0.2540, 0.1363
CMYK	0.13, 0.14, 0.00, 0.14
HSL	242°, 30%, 80%
HSV	242°, 14%, 86%
XYZ	52.9561, 53.2120, 75.3531
YIQ	193.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

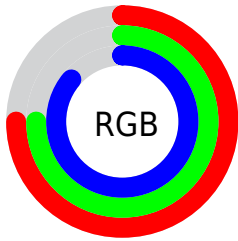
Format	Color
R _Y B	191, 190, 220
Decimal	12566236
CIE Lab	78.00, 6.26, -14.84
CIE LCh	78, 16.103, 292.867
Yxy	53.2120, 0.2917, 0.2931
Android (android.graphics.Color)	4290756316 (0xFFFBFEDC)
YUV	193.7190, 12.9565, -2.3846
Hunter-Lab	72.9466, 1.9270, -10.1834

Details

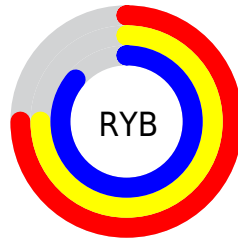
The CIELCh color $78, 16.103, 292.867$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87, 15.607, 110.243$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.671, 299.076$, and $58, 15.945, 292.007$ is the 20% darker color. If you saturate the color by 10%, you get $71, 28.500, 294.082$, and if you desaturate by 10%, it is $85, 4.204, 291.837$.

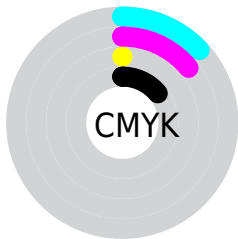
Distribution



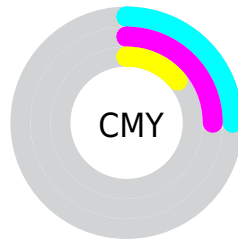
- Red (75%)
- Green (75%)
- Blue (86%)



- Red (75%)
- Yellow (75%)
- Blue (86%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (25%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.103, 292.867 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, 16.103, 292.867 by changing the saturation by 10% instead.


 78, 16.103,
292.867


 78, 16.103,
292.867


 100, 16.103,
292.867


 68, 16.103,
292.867


 98, 16.103,
292.867

 58, 16.103,
292.867

 48, 16.103,
292.867

 38, 16.103,
292.867

 28, 16.103,
292.867

 18, 16.103,
292.867

 8, 16.103, 292.867

0, 16.103, 292.867

78, 16.103,
292.867

78, 16.103,
292.867

71, 28.500,
294.082

85, 4.204, 291.837

63, 41.432,
295.509

92, 7.228, 110.936

99, 17.580,
108.848

56, 54.906,
297.162

49, 68.854,
299.030

43, 83.014,
301.050

37, 96.704,
303.065

■ 32, 108.545,
304.801

■ 29, 116.598,
305.933

■ 27, 119.638,
306.366

Harmonies

Complementary

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



78, 16.103, 292.867



87, 15.607, 110.243

Rectangle

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



78, 16.103, 292.867



78, 16.103, 342.867



78, 16.103, 112.867



78, 16.103, 162.867

Sweetspot

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



78, 16.101, 292.864



97, 5.230, 291.875



86, 10.231, 200.220



51, 3.721, 291.947



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, 16.101, 292.864



87, 21.406, 293.151



79, 17.025, 310.254



42, 6.631, 292.410



20, 100.041, 306.393



2, 29.640, 295.736

Inverse Universe

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



80, 18.877, 326.085



90, 24.994, 326.228



86, 16.720, 129.052



43, 7.822, 325.844



41, 84.332, 329.594



7, 33.768, 329.285

Previews

White Background



This preview shows how the CIELCh color 78, 16.103, 292.867 looks on a white background.

Color Contrast Check

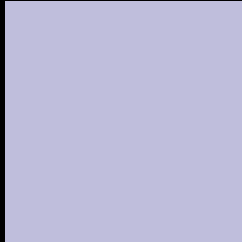
Large Text (above 18pt) WCAG AA × Fail

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, 16.103, 292.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

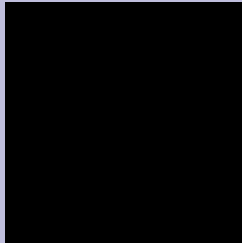
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.103, 292.867

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.103, 292.867.



This preview shows how white text looks on a background with the CIELCh color 78, 16.103, 292.867.

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

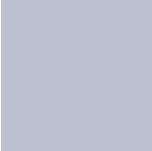
78, 16.103, 292.867

Protanopia

78, 16.094, 287.968

Deuteranopia

78, 18.107, 302.831



Tritanopia
78, 8.622, 283.888

Trichromacy



Original Color
78, 16.103, 292.867

Protanomaly
78, 16.082, 289.186

Deuteranomaly
78, 17.381, 299.750

Tritanomaly
78, 11.261, 289.420

Monochromacy



Original Color
78, 16.103, 292.867

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.892, 290.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.103, 292.867 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, 190, 220)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 220)  
}
```

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, 190, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.103, 292.867 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, 190, 220) }
```

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

```
.border{ border-color:rgb(191, 190, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 190, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 190, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 190, 220);  
box-shadow:4px 4px 4px 4px rgb(191, 190,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.103, 292.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 220) }
```

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

```
.background{ background-color: rgb(191,  
190, 220) }
```

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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