

Converting Colors

CIELCh(78, 15.100, 286.944)

Have a look what the booklet for
CIELCh(78, 15.100, 286.944)
contains.

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Color

CIELCh(78, 15.027, 287.594)

Conversions

Conversions Part 1

Format	Color
Hex	BCBFDB
RGB	188, 191, 219
RGB Percent	74%, 75%, 86%
CMY	0.2618, 0.2500, 0.1402
CMYK	0.14, 0.13, 0.00, 0.14
HSL	234°, 30%, 80%
HSV	234°, 14%, 86%
XYZ	52.2965, 53.2120, 74.6989
YIQ	193.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

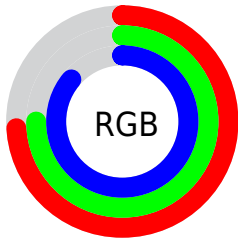
Format	Color
R_{YB}	188, 191, 219
Decimal	12369883
CIE _{Lab}	78.00, 4.54, -14.32
CIE _{LCh}	78, 15.027, 287.594
Yxy	53.2120, 0.2902, 0.2953
Android (android.graphics.Color)	4290559963 (0xFFBCBFDB)
YUV	193.2950, 12.6726, -4.6437
Hunter-Lab	72.9466, 0.3130, -9.6517

Details

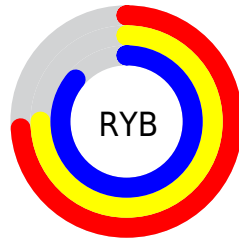
The CIELCh color **78, 15.027, 287.594** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 14.647, 104.472**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 4.209, 276.257**, and **58, 14.810, 287.699** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.123, 288.980**, and if you desaturate by 10%, it is **85, 4.330, 286.422**.

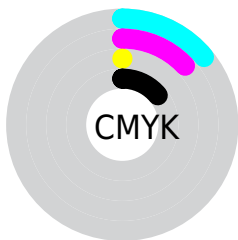
Distribution



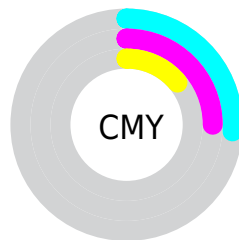
- Red (74%)
- Green (75%)
- Blue (86%)



- Red (74%)
- Yellow (75%)
- Blue (86%)



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





- Cyan (26%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.027, 287.594 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, 15.027, 287.594 by changing the saturation by 10% instead.


 78, 15.027,
287.594


 78, 15.027,
287.594


 100, 15.027,
287.594


 68, 15.027,
287.594


 98, 15.027,
287.594

 58, 15.027,
287.594

 48, 15.027,
287.594

 38, 15.027,
287.594

 28, 15.027,
287.594

 18, 15.027,
287.594

 8, 15.027, 287.594

0, 15.027, 287.594

78, 15.027,
287.594

78, 15.027,
287.594

71, 26.123,
288.980

85, 4.330, 286.422

65, 37.657,
290.614

91, 5.994, 105.365

58, 49.659,
292.518

98, 15.973,
104.509

51, 62.133,
294.703

99, 18.081,
108.810

45, 74.993,
297.137

39, 87.925,
299.708

■ 34, 100.163,
302.197

■ 30, 110.333,
304.294

■ 29, 114.724,
305.183

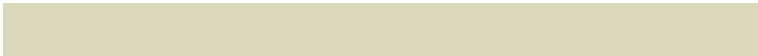
Harmonies

Complementary

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



78, 15.027, 287.594



86, 14.647, 104.472

Rectangle

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



78, 15.027, 287.594



78, 15.027, 337.594



78, 15.027, 107.594



78, 15.027, 157.594

Sweetspot

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



78, 15.025, 287.590



97, 4.726, 286.411



85, 10.976, 190.108



51, 3.362, 286.490



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, 15.025, 287.590



87, 20.526, 287.984



78, 17.254, 306.233



42, 5.983, 287.012



22, 95.470, 304.938



3, 27.616, 292.775

Inverse Universe

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



79, 11.810, 12.592



89, 16.205, 12.909



86, 16.853, 124.804



43, 4.668, 12.120



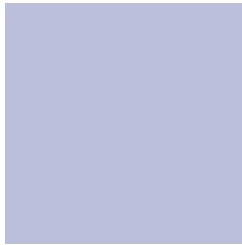
36, 74.224, 35.794



5, 23.732, 16.088

Previews

White Background



This preview shows how the CIELCh color 78, 15.027, 287.594 looks on a white background.

Color Contrast Check

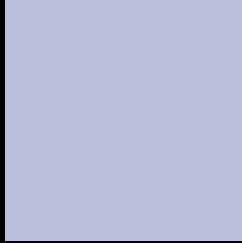
Large Text (above 18pt) WCAG AA × Fail

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, 15.027, 287.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

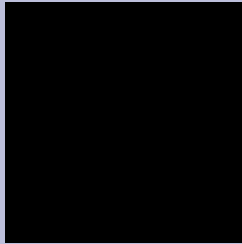
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.027, 287.594

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.027, 287.594.



This preview shows how white text looks on a background with the CIELCh color 78, 15.027, 287.594.

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

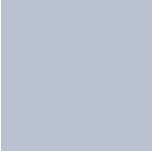
78, 15.027, 287.594

Protanopia

78, 15.027, 287.594

Deuteranopia

78, 17.657, 304.262



Tritanopia
78, 8.359, 273.725

Trichromacy



Original Color
78, 15.027, 287.594

Protanomaly
78, 15.027, 287.594

Deuteranomaly
78, 16.801, 298.800

Tritanomaly
78, 10.826, 281.853

Monochromacy



Original Color
78, 15.027, 287.594

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.364, 286.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.027, 287.594 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(188, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 219)  
}
```

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(188, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.027, 287.594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

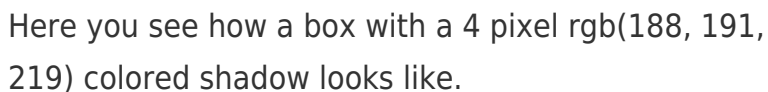
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 191, 219) }
```

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

```
.border{ border-color:rgb(188, 191, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 191, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 191, 219); box-shadow:4px 4px 4px 4px rgb(188, 191, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.027, 287.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 219) }
```

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

```
.background{ background-color: rgb(188,  
191, 219) }
```

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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