

Converting Colors

CIELCh(78, 15.393, 287.487)

Have a look what the booklet for
CIELCh(78, 15.393, 287.487)
contains.

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Color

CIELCh(78, 15.560, 287.786)

Conversions

Conversions Part 1

Format	Color
Hex	BCBFDC
RGB	188, 191, 220
RGB Percent	74%, 75%, 86%
CMY	0.2622, 0.2504, 0.1367
CMYK	0.15, 0.13, 0.00, 0.14
HSL	234°, 31%, 80%
HSV	234°, 15%, 86%
XYZ	52.3773, 53.2120, 75.3260
YIQ	193.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

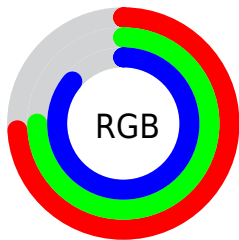
Format	Color
R_{YB}	188, 191, 220
Decimal	12369884
CIE _{Lab}	78.00, 4.75, -14.82
CIE _{LCh}	78, 15.560, 287.786
Yxy	53.2120, 0.2895, 0.2941
Android (android.graphics.Color)	4290559964 (0xFFBCBFDC)
YUV	193.4090, 13.1094, -4.7437
Hunter-Lab	72.9466, 0.5106, -10.1614

Details

The CIELCh color **78, 15.560, 287.786** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 15.152, 104.580**, 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, 15.397, 286.608** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.749, 289.179**, and if you desaturate by 10%, it is **85, 4.776, 286.607**.

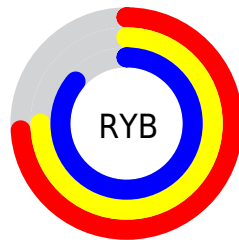
Distribution



Red (74%)

Green (75%)

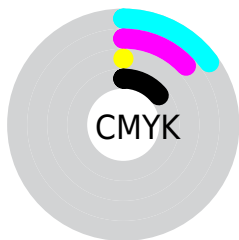
Blue (86%)



Red (74%)

Yellow (75%)

Blue (86%)

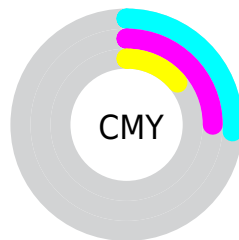


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (26%)


Magenta (25%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.560, 287.786 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, 15.560, 287.786 by changing the saturation by 10% instead.


 78, 15.560,
287.786


 78, 15.560,
287.786


 100, 15.560,
287.786


 68, 15.560,
287.786


 98, 15.560,
287.786

 58, 15.560,
287.786

 48, 15.560,
287.786

 38, 15.560,
287.786

 28, 15.560,
287.786

 18, 15.560,
287.786

 8, 15.560, 287.786

0, 15.560, 287.786

78, 15.560,
287.786

78, 15.560,
287.786

71, 26.749,
289.179

85, 4.776, 286.607

91, 5.630, 105.547

64, 38.383,
290.820

98, 15.687,
104.689

58, 50.491,
292.732

99, 17.622,
108.845

51, 63.073,
294.924

45, 76.033,
297.360

39, 89.032,
299.922

■ 34, 101.258,
302.385

■ 30, 111.287,
304.433

■ 29, 115.296,
305.235

Harmonies

Complementary

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



78, 15.560, 287.786



86, 15.152, 104.580

Rectangle

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



78, 15.560, 287.786



78, 15.560, 337.786



78, 15.560, 107.786



78, 15.560, 157.786

Sweetspot

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



78, 15.558, 287.783



97, 4.741, 286.555



85, 11.310, 190.076



51, 3.373, 286.634



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, 15.558, 287.783



87, 20.595, 288.125



78, 17.806, 306.255



42, 6.003, 287.154



22, 95.652, 304.992



3, 27.678, 292.846

Inverse Universe

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



79, 12.191, 12.873



89, 16.200, 13.147



86, 17.380, 124.784



43, 4.666, 12.361



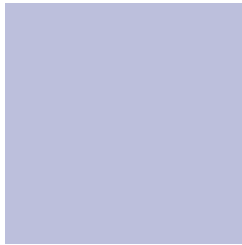
36, 74.357, 35.947



5, 23.733, 16.219

Previews

White Background



This preview shows how the CIELCh color 78, 15.560, 287.786 looks on a white background.

Color Contrast Check

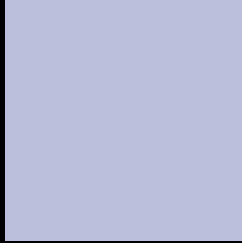
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 15.560, 287.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

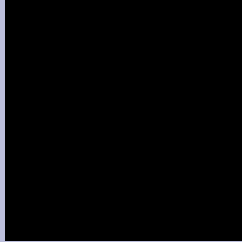
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.560, 287.786

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.560, 287.786.



This preview shows how white text looks on a background with the CIELCh color 78, 15.560, 287.786.

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

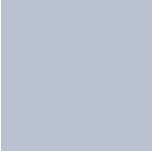
78, 15.560, 287.786

Protanopia

78, 15.560, 287.786

Deuteranopia

78, 18.107, 302.831



Tritanopia
78, 8.359, 273.725

Trichromacy



Original Color
78, 15.560, 287.786

Protanomaly
78, 15.560, 287.786

Deuteranomaly
78, 17.291, 297.469

Tritanomaly
78, 10.826, 281.853

Monochromacy



Original Color
78, 15.560, 287.786

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.897, 287.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.560, 287.786 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 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(188, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.560, 287.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

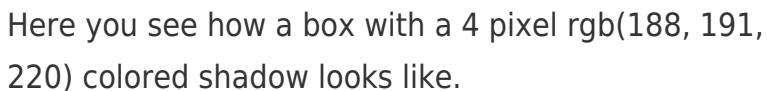
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 191, 220) }
```

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

```
.border{ border-color:rgb(188, 191, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 191, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 191, 220); box-shadow:4px 4px 4px 4px rgb(188, 191, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.560, 287.786 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, 220) }
```

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

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