

Converting Colors

CIELCh(78, 14.354, 290.894)

Have a look what the booklet for
CIELCh(78, 14.354, 290.894)
contains.

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Color

CIELCh(78, 14.472, 290.121)

Conversions

Conversions Part 1

Format	Color
Hex	BEBFDA
RGB	190, 191, 218
RGB Percent	75%, 75%, 85%
CMY	0.2553, 0.2513, 0.1455
CMYK	0.13, 0.12, 0.00, 0.15
HSL	238°, 27%, 80%
HSV	238°, 13%, 85%
XYZ	52.4637, 53.2120, 73.7686
YIQ	193.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

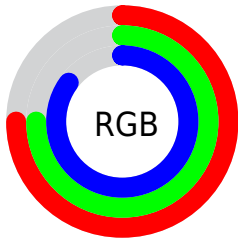
Format	Color
R _Y B	190, 191, 218
Decimal	12500954
CIE Lab	78.00, 4.98, -13.59
CIE LCh	78, 14.472, 290.121
Yxy	53.2120, 0.2924, 0.2965
Android (android.graphics.Color)	4290691034 (0xFFBEBFDA)
YUV	193.7790, 11.9410, -3.3142
Hunter-Lab	72.9466, 0.7221, -8.8956

Details

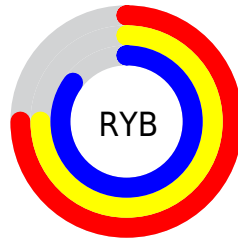
The CIELCh color **78, 14.472, 290.121** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 14.080, 107.436**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 4.105, 285.672**, and **58, 14.228, 288.899** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.246, 291.425**, and if you desaturate by 10%, it is **85, 3.154, 289.026**.

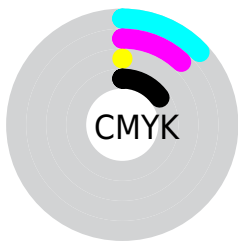
Distribution



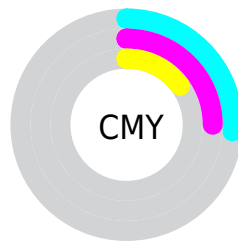
- Red (75%)
- Green (75%)
- Blue (85%)



- Red (75%)
- Yellow (75%)
- Blue (85%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (26%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 14.472, 290.121 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, 14.472, 290.121 by changing the saturation by 10% instead.


 78, 14.472,
290.121


 78, 14.472,
290.121


 100, 14.472,
290.121


 68, 14.472,
290.121


 98, 14.472,
290.121

 58, 14.472,
290.121

 48, 14.472,
290.121

 38, 14.472,
290.121

 28, 14.472,
290.121

 18, 14.472,
290.121

 8, 14.472, 290.121

0, 14.472, 290.121

78, 14.472,
290.121

78, 14.472,
290.121

71, 26.246,
291.425

85, 3.154, 289.026

92, 7.738, 108.043

64, 38.517,
292.964

99, 18.236,
107.566

57, 51.311,
294.760

99, 18.755,
108.759

50, 64.605,
296.815

43, 78.243,
299.082

37, 91.744,
301.426

■ 32, 104.027,
303.594

■ 29, 113.343,
305.248

■ 27, 117.330,
305.936

Harmonies

Complementary

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



78, 14.472, 290.121



86, 14.080, 107.436

Rectangle

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



78, 14.472, 290.121



78, 14.472, 340.121



78, 14.472, 110.121



78, 14.472, 160.121

Sweetspot

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



78, 14.470, 290.117



97, 5.039, 289.141



85, 9.825, 194.451



51, 3.585, 289.218



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, 14.470, 290.117



88, 19.277, 290.397



79, 15.700, 307.915



42, 6.386, 289.719



21, 98.535, 305.822



2, 28.863, 294.158

Inverse Universe

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



79, 10.580, 17.335



90, 14.151, 17.545



85, 15.394, 126.709



43, 4.640, 17.033



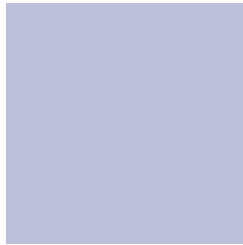
36, 76.702, 38.454



5, 23.787, 18.726

Previews

White Background



This preview shows how the CIELCh color 78, 14.472, 290.121 looks on a white background.

Color Contrast Check

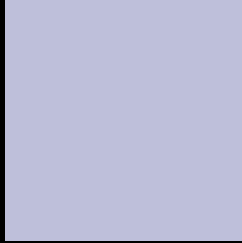
Large Text (above 18pt) WCAG AA × Fail

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, 14.472, 290.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

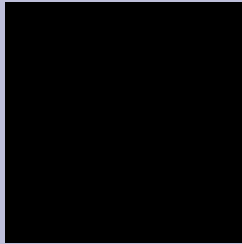
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 14.472, 290.121

Background



This preview shows how black text looks on a background with the CIELCh color 78, 14.472, 290.121.



This preview shows how white text looks on a background with the CIELCh color 78, 14.472, 290.121.

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, 14.472, 290.121

Protanopia

78, 14.479, 288.754

Deuteranopia

78, 17.135, 304.633



Tritanopia
78, 8.193, 278.446

Trichromacy



Original Color
78, 14.472, 290.121

Protanomaly
78, 14.479, 288.754

Deuteranomaly
78, 16.322, 300.220

Tritanomaly
78, 10.749, 285.535

Monochromacy



Original Color
78, 14.472, 290.121

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.357, 290.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 14.472, 290.121 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(190, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 218)  
}
```

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(190, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 14.472, 290.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

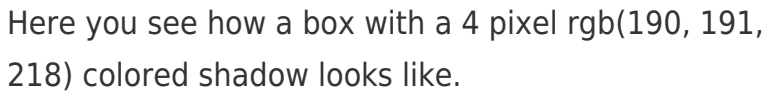
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 191, 218) }
```

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

```
.border{ border-color:rgb(190, 191, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 191, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 191, 218); box-shadow:4px 4px 4px 4px rgb(190, 191, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 14.472, 290.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 218) }
```

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

```
.background{ background-color: rgb(190,  
191, 218) }
```

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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