

Converting Colors

CIELCh(78, 15.547, 290.554)

Have a look what the booklet for
CIELCh(78, 15.547, 290.554)
contains.

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Color

CIElCh(78, 15.542, 290.316)

Conversions

Conversions Part 1

Format	Color
Hex	BEBFDC
RGB	190, 191, 220
RGB Percent	75%, 75%, 86%
CMY	0.2559, 0.2520, 0.1383
CMYK	0.14, 0.13, 0.00, 0.14
HSL	238°, 30%, 80%
HSV	238°, 14%, 86%
XYZ	52.6242, 53.2120, 75.0184
YIQ	194.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

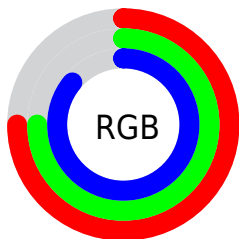
Format	Color
RYB	190, 191, 220
Decimal	12500956
CIELab	78.00, 5.40, -14.58
CIELCh	78, 15.542, 290.316
Yxy	53.2120, 0.2910, 0.2942
Android (android.graphics.Color)	4290691036 (0xFFBEBFDC)
YUV	194.0070, 12.8145, -3.5141
Hunter-Lab	72.9466, 1.1148, -9.9114

Details

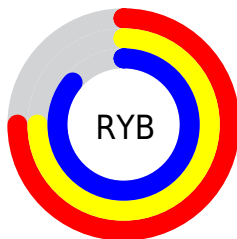
The CIELCh color `78, 15.542, 290.316` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `87, 15.094, 107.458`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 4.105, 285.672`, and `58, 15.362, 289.257` is the 20% darker color. If you saturate the color by 10%, you get `71, 27.466, 291.637`, and if you desaturate by 10%, it is `85, 4.083, 289.202`.

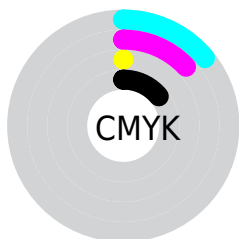
Distribution



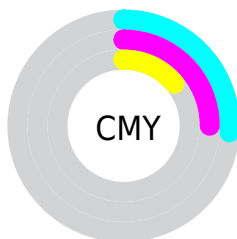
- Red (75%)
- Green (75%)
- Blue (86%)



- Red (75%)
- 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, 15.542, 290.316 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, 15.542, 290.316 by changing the saturation by 10% instead.


 78, 15.542,
290.316


 78, 15.542,
290.316


 100, 15.542,
290.316


 68, 15.542,
290.316


 98, 15.542,
290.316

 58, 15.542,
290.316

 48, 15.542,
290.316

 38, 15.542,
290.316

 28, 15.542,
290.316

 18, 15.542,
290.316

 8, 15.542, 290.316

0, 15.542, 290.316

78, 15.542,
290.316

78, 15.542,
290.316

71, 27.466,
291.637

85, 4.083, 289.202

92, 6.943, 108.213

64, 39.897,
293.195

99, 17.567,
108.192

57, 52.857,
295.010

99, 17.836,
108.829

50, 66.315,
297.083

43, 80.091,
299.358

37, 93.650,
301.691

■ 32, 105.824,
303.815

■ 29, 114.799,
305.390

■ 28, 118.182,
305.963

Harmonies

Complementary

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



78, 15.542, 290.316



87, 15.094, 107.458

Rectangle

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



78, 15.542, 290.316



78, 15.542, 340.316



78, 15.542, 110.316



78, 15.542, 160.316

Sweetspot

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



78, 15.540, 290.313



97, 5.051, 289.240



86, 10.487, 194.394



51, 3.594, 289.317



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, 15.540, 290.313



87, 20.654, 290.621



79, 16.813, 307.957



42, 6.401, 289.818



21, 98.645, 305.853



2, 28.912, 294.210

Inverse Universe

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



79, 11.350, 17.598



89, 15.151, 17.829



86, 16.466, 126.670



43, 4.639, 17.224



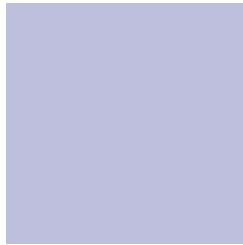
36, 76.801, 38.552



5, 23.790, 18.828

Previews

White Background



This preview shows how the CIELCh color 78, 15.542, 290.316 looks on a white background.

Color Contrast Check

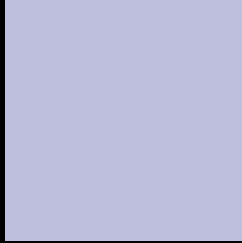
Large Text (above 18pt) WCAG AA × Fail

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, 15.542, 290.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

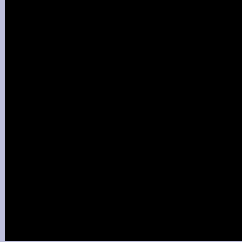
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.542, 290.316

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.542, 290.316.



This preview shows how white text looks on a background with the CIELCh color 78, 15.542, 290.316.

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, 15.542, 290.316

Protanopia

78, 15.560, 287.786

Deuteranopia

78, 17.582, 303.144



Tritanopia
78, 8.193, 278.446

Trichromacy



Original Color
78, 15.542, 290.316

Protanomaly
78, 15.548, 289.049

Deuteranomaly
78, 16.801, 298.800

Tritanomaly
78, 10.749, 285.535

Monochromacy



Original Color
78, 15.542, 290.316

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, 15.542, 290.316 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 191, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 78, 15.542, 290.316 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, 220) }
```

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

```
.border{ border-color:rgb(190, 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(190, 191, 220)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 78, 15.542, 290.316 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, 220) }
```

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

```
.background{ background-color: rgb(190,  
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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