

Converting Colors

CIELCh(78, 26.198, 293.317)

Have a look what the booklet for
CIELCh(78, 26.198, 293.317)
contains.

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Color

CIELCh(78, 25.751, 293.220)

Conversions

Conversions Part 1

Format	Color
Hex	BEBDED
RGB	190, 189, 237
RGB Percent	75%, 74%, 93%
CMY	0.2565, 0.2604, 0.0722
CMYK	0.20, 0.20, 0.00, 0.07
HSL	241°, 57%, 83%
HSV	241°, 20%, 93%
XYZ	54.4744, 53.2120, 87.2057
YIQ	194.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

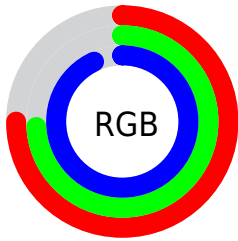
Format	Color
R _{YB}	190, 189, 237
Decimal	12500461
CIE _{Lab}	78.00, 10.15, -23.67
CIE _{LCh}	78, 25.751, 293.220
Yxy	53.2120, 0.2795, 0.2730
Android (android.graphics.Color)	4290690541 (0xFFBEBDED)
YUV	194.7710, 20.8189, -4.1842
Hunter-Lab	72.9466, 5.6423, -19.8171

Details

The CIELCh color `78, 25.751, 293.220` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 24.560, 109.087`, and the grayscale version is `78, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 5.180, 298.262`, and `58, 25.609, 293.067` is the 20% darker color. If you saturate the color by 10%, you get `70, 39.269, 294.616`, and if you desaturate by 10%, it is `86, 12.790, 292.032`.

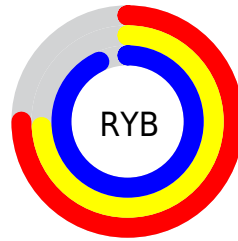
Distribution



Red (75%)

Green (74%)

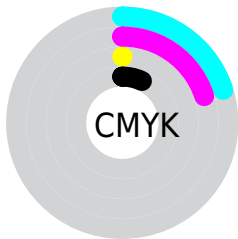
Blue (93%)



Red (75%)

Yellow (74%)

Blue (93%)

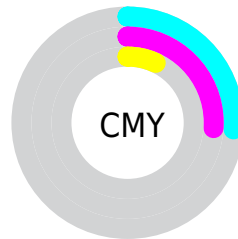


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (26%)


Magenta (26%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 25.751, 293.220 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, 25.751, 293.220 by changing the saturation by 10% instead.


 78, 25.751,
293.220


 78, 25.751,
293.220


 100, 25.751,
293.220


 68, 25.751,
293.220


 98, 25.751,
293.220

 58, 25.751,
293.220

 48, 25.751,
293.220

 38, 25.751,
293.220

 28, 25.751,
293.220

 18, 25.751,
293.220

 8, 25.751, 293.220

0, 25.751, 293.220

78, 25.751,
293.220

78, 25.751,
293.220

70, 39.269,
294.616

86, 12.790,
292.032

63, 53.372,
296.247

93, 0.352, 291.201

55, 68.025,
298.112

100, 9.319,
109.471

48, 83.038,
300.167

41, 97.852,
302.284

36, 111.227,
304.212

■ 32, 121.166,
305.615

■ 30, 126.345,
306.332

Harmonies

Complementary

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



78, 25.751, 293.220



92, 24.560, 109.087

Rectangle

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



78, 25.751, 293.220



78, 25.751, 343.220



78, 25.751, 113.220



78, 25.751, 163.220

Sweetspot

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



78, 25.749, 293.219



95, 7.869, 291.586



90, 15.814, 199.910



50, 5.226, 291.653



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, 25.749, 293.219



80, 32.642, 293.726



80, 27.104, 310.586



45, 7.008, 291.944



21, 103.368, 306.350



2, 35.776, 298.242

Inverse Universe

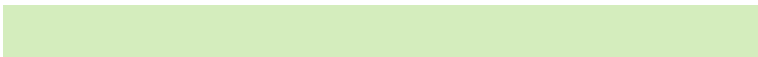
The Inverse Universe completely reimagines the original color for something new.



82, 30.097, 326.114



85, 37.852, 326.326



91, 26.387, 128.731



46, 8.340, 325.500



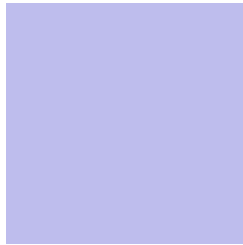
43, 87.930, 329.070



9, 37.743, 328.945

Previews

White Background



This preview shows how the CIELCh color 78, 25.751, 293.220 looks on a white background.

Color Contrast Check

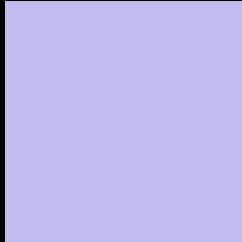
Large Text (above 18pt) WCAG AA × Fail

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, 25.751, 293.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

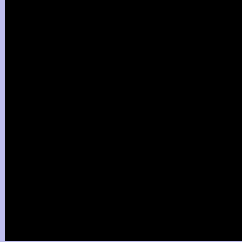
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.751, 293.220

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.751, 293.220.



This preview shows how white text looks on a background with the CIELCh color 78, 25.751, 293.220.

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

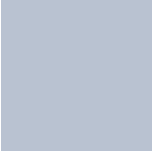
78, 25.751, 293.220

Protanopia

78, 25.274, 285.754

Deuteranopia

78, 25.744, 292.486



Tritanopia
78, 8.568, 269.228

Trichromacy



Original Color
78, 25.751, 293.220

Protanomaly
78, 25.210, 288.700

Deuteranomaly
78, 25.744, 292.486

Tritanomaly
78, 14.531, 284.682

Monochromacy



Original Color
78, 25.751, 293.220

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.109, 291.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.751, 293.220 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, 189, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 237)  
}
```

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, 189, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.751, 293.220 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, 189, 237) }
```

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

```
.border{ border-color:rgb(190, 189, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 189, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 189, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 189, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 189,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.751, 293.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 237) }
```

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

```
.background{ background-color: rgb(190,  
189, 237) }
```

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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