

Converting Colors

CIELCh(78, 25.642, 293.085)

Have a look what the booklet for
CIELCh(78, 25.642, 293.085)
contains.

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Color

CIELCh(78, 25.209, 292.440)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDEC
RGB	189, 189, 236
RGB Percent	74%, 74%, 93%
CMY	0.2592, 0.2592, 0.0749
CMYK	0.20, 0.20, 0.00, 0.07
HSL	240°, 55%, 83%
HSV	240°, 20%, 93%
XYZ	54.2662, 53.2120, 86.6927
YIQ	194.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

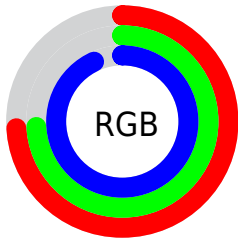
Format	Color
R _Y B	189, 189, 236
Decimal	12434924
CIE Lab	78.00, 9.62, -23.30
CIE LCh	78, 25.209, 292.440
Yxy	53.2120, 0.2795, 0.2740
Android (android.graphics.Color)	4290625004 (0xFFBDBDEC)
YUV	194.3580, 20.5295, -4.6990
Hunter-Lab	72.9466, 5.1327, -19.4001

Details

The CIELCh color `78, 25.209, 292.440` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 24.066, 108.238`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 5.141, 294.439`, and `58, 25.041, 292.231` is the 20% darker color. If you saturate the color by 10%, you get `70, 38.673, 293.886`, and if you desaturate by 10%, it is `86, 12.302, 291.213`.

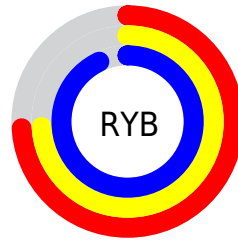
Distribution



Red (74%)

Green (74%)

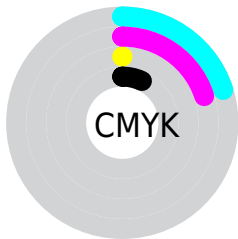
Blue (93%)



Red (74%)

Yellow (74%)

Blue (93%)

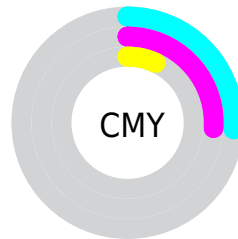


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (26%)


Magenta (26%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 25.209, 292.440 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, 25.209, 292.440 by changing the saturation by 10% instead.

 78, 25.209,
292.440

 78, 25.209,
292.440


 100, 25.209,
292.440


 68, 25.209,
292.440


 98, 25.209,
292.440

 58, 25.209,
292.440

 48, 25.209,
292.440

 38, 25.209,
292.440

 28, 25.209,
292.440

 18, 25.209,
292.440

 8, 25.209, 292.440

0, 25.209, 292.440

78, 25.209,
292.440

78, 25.209,
292.440

70, 38.673,
293.886

86, 12.302,
291.213

63, 52.727,
295.581

93, 0.085, 109.306

55, 67.346,
297.527

100, 9.667,
109.445

48, 82.354,
299.682

41, 97.211,
301.914

35, 110.683,
303.965

■ 32, 120.751,
305.483

■ 30, 126.122,
306.281

■ 30, 126.158,
306.287

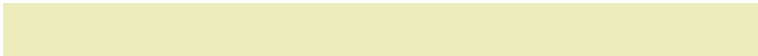
Harmonies

Complementary

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



78, 25.209, 292.440



92, 24.066, 108.238

Rectangle

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



78, 25.209, 292.440



78, 25.209, 342.440



78, 25.209, 112.440



78, 25.209, 162.440

Sweetspot

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



78, 25.207, 292.439



95, 7.866, 290.791



90, 15.827, 196.907



50, 5.224, 290.860



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, 25.207, 292.439



80, 32.632, 293.015



80, 26.390, 309.438



45, 7.006, 291.162



21, 103.472, 306.286



2, 35.733, 297.750

Inverse Universe

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



81, 18.008, 20.831



84, 23.487, 21.252



91, 25.651, 127.564



46, 4.905, 19.932



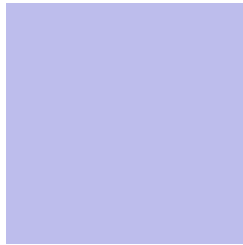
38, 80.844, 39.983



7, 28.535, 22.713

Previews

White Background



This preview shows how the CIELCh color 78, 25.209, 292.440 looks on a white background.

Color Contrast Check

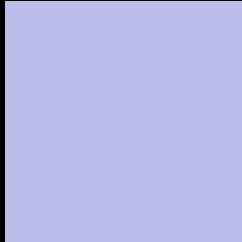
Large Text (above 18pt) WCAG AA × Fail

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, 25.209, 292.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

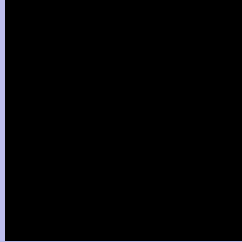
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.209, 292.440

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.209, 292.440.



This preview shows how white text looks on a background with the CIELCh color 78, 25.209, 292.440.

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

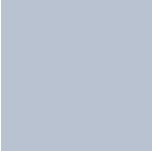
78, 25.209, 292.440

Protanopia

78, 24.745, 285.548

Deuteranopia

78, 25.216, 293.192



Tritanopia
78, 8.695, 267.080

Trichromacy



Original Color
78, 25.209, 292.440

Protanomaly
78, 25.210, 288.700

Deuteranomaly
78, 25.216, 293.192

Tritanomaly
78, 14.568, 283.345

Monochromacy



Original Color
78, 25.209, 292.440

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, 25.209, 292.440 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(189, 189, 236)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 236)  
}
```

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(189, 189, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.209, 292.440 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(189, 189, 236) }
```

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

```
.border{ border-color:rgb(189, 189, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 236);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.209, 292.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 236) }
```

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

```
.background{ background-color: rgb(189,  
189, 236) }
```

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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