

Converting Colors

CIELCh(79, 23.721, 287.902)

Have a look what the booklet for
CIELCh(79, 23.721, 287.902)
contains.

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Color

CIELCh(79, 23.544, 288.243)

Conversions

Conversions Part 1

Format	Color
Hex	BCC1ED
RGB	188, 193, 237
RGB Percent	74%, 76%, 93%
CMY	0.2628, 0.2432, 0.0707
CMYK	0.21, 0.19, 0.00, 0.07
HSL	234°, 58%, 83%
HSV	234°, 21%, 93%
XYZ	55.0779, 54.9284, 87.7981
YIQ	196.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

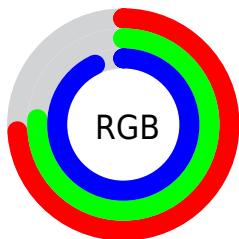
Format	Color
R _Y B	188, 193, 237
Decimal	12370413
CIE Lab	79.00, 7.37, -22.36
CIE LCh	79, 23.544, 288.243
Yxy	54.9284, 0.2784, 0.2777
Android (android.graphics.Color)	4290560493 (0xFFBCC1ED)
YUV	196.5210, 19.9561, -7.4729
Hunter-Lab	74.1137, 2.9542, -18.3578

Details

The CIELCh color **79, 23.544, 288.243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91, 22.683, 103.502**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.347, 266.028**, and **59, 23.277, 287.749** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.591, 289.802**, and if you desaturate by 10%, it is **86, 11.942, 286.916**.

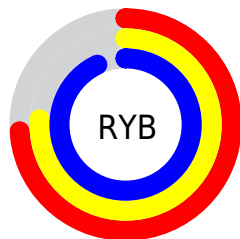
Distribution



Red (74%)

Green (76%)

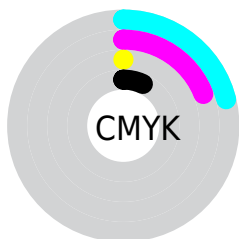
Blue (93%)



Red (74%)

Yellow (76%)

Blue (93%)

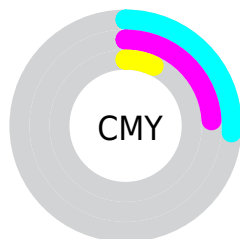


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 23.544, 288.243 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 79, 23.544, 288.243 by changing the saturation by 10% instead.

■ 79, 23.544,
288.243

■ 79, 23.544,
288.243

■ 100, 23.544,
288.243

■ 69, 23.544,
288.243

■ 99, 23.544,
288.243

■ 59, 23.544,
288.243

■ 49, 23.544,
288.243

■ 39, 23.544,
288.243

■ 29, 23.544,
288.243

■ 19, 23.544,
288.243

■ 9, 23.544, 288.243

0, 23.544, 288.243

79, 23.544,
288.243

79, 23.544,
288.243

72, 35.591,
289.802

86, 11.942,
286.916

65, 48.125,
291.628

93, 0.754, 285.935

58, 61.164,
293.740

100, 9.126,
109.486

51, 74.663,
296.124

44, 88.401,
298.697

39, 101.763,
301.279

■ 34, 113.515,
303.581

■ 31, 121.563,
305.163

Harmonies

Complementary

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



79, 23.544, 288.243



91, 22.683, 103.502

Rectangle

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



79, 23.544, 288.243



79, 23.544, 338.243



79, 23.544, 108.243



79, 23.544, 158.243

Sweetspot

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



79, 23.542, 288.241



95, 7.068, 286.375



90, 16.930, 188.160



50, 4.693, 286.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 23.542, 288.241



81, 30.458, 288.901



79, 27.086, 306.044



45, 6.289, 286.770



23, 98.423, 304.894



3, 33.205, 295.794

Inverse Universe

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



81, 18.799, 12.902



83, 24.456, 13.443



91, 26.136, 123.830



46, 4.940, 11.707



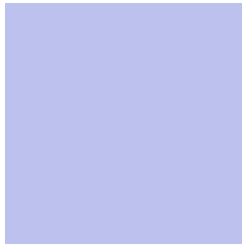
38, 76.527, 35.670



7, 28.147, 18.540

Previews

White Background



This preview shows how the CIELCh color 79, 23.544, 288.243 looks on a white background.

Color Contrast Check

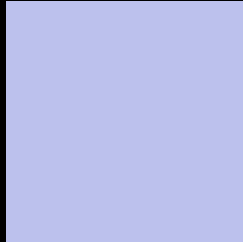
Large Text (above 18pt) WCAG AA × Fail

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 79, 23.544, 288.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

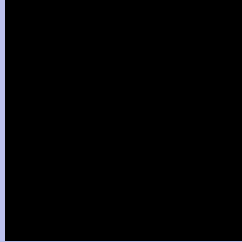
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 23.544, 288.243

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.544, 288.243.



This preview shows how white text looks on a background with the CIELCh color 79, 23.544, 288.243.

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

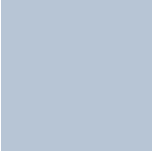
79, 23.544, 288.243

Protanopia

79, 23.061, 285.647

Deuteranopia

79, 24.661, 294.690



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 23.544, 288.243

Protanomaly
79, 23.034, 286.455

Deuteranomaly
79, 24.071, 292.318

Tritanomaly
79, 14.296, 276.179

Monochromacy



Original Color
79, 23.544, 288.243

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.567, 286.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.544, 288.243 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, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.544, 288.243 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, 193, 237) }
```

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

```
.border{ border-color:rgb(188, 193, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.544, 288.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 237) }
```

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

```
.background{ background-color: rgb(188,  
193, 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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