

Converting Colors

CIELCh(79, 15.808, 278.285)

Have a look what the booklet for
CIELCh(79, 15.808, 278.285)
contains.

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Color

CIELCh(79, 15.785, 279.130)

Conversions

Conversions Part 1

Format	Color
Hex	B9C3E0
RGB	185, 195, 224
RGB Percent	73%, 76%, 88%
CMY	0.2732, 0.2340, 0.1203
CMYK	0.17, 0.13, 0.00, 0.12
HSL	225°, 39%, 80%
HSV	225°, 17%, 88%
XYZ	53.1717, 54.9284, 78.5558
YIQ	195.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

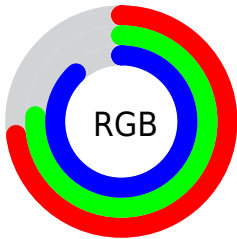
Format	Color
R _Y B	185, 193, 224
Decimal	12174304
CIE Lab	79.00, 2.50, -15.59
CIE LCh	79, 15.785, 279.130
Yxy	54.9284, 0.2849, 0.2943
Android (android.graphics.Color)	4290364384 (0xFFB9C3E0)
YUV	195.3160, 14.1412, -9.0471
Hunter-Lab	74.1137, -1.6370, -10.9641

Details

The CIELCh color **79, 15.785, 279.130** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 15.616, 94.695**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.975, 230.305**, and **59, 16.110, 280.618** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.168, 280.764**, and if you desaturate by 10%, it is **85, 6.631, 277.738**.

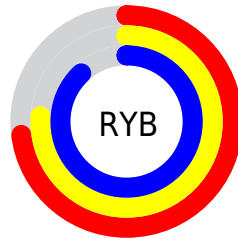
Distribution



Red (73%)

Green (76%)

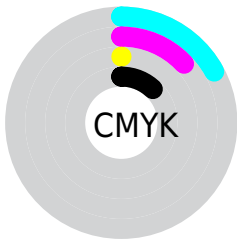
Blue (88%)



Red (73%)

Yellow (76%)

Blue (88%)

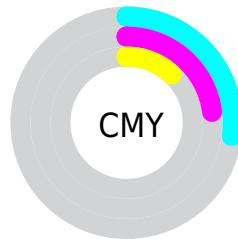


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (27%)


Magenta (23%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 15.785, 279.130 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, 15.785, 279.130 by changing the saturation by 10% instead.


 79, 15.785,
279.130


 79, 15.785,
279.130


 100, 15.785,
279.130


 69, 15.785,
279.130


 99, 15.785,
279.130

 59, 15.785,
279.130

 49, 15.785,
279.130

 39, 15.785,
279.130

 29, 15.785,
279.130

 19, 15.785,
279.130

 9, 15.785, 279.130

■ 0, 15.785, 279.130

■ 79, 15.785,
279.130

■ 79, 15.785,
279.130

■ 73, 25.168,
280.764

■ 85, 6.631, 277.738

■ 67, 34.807,
282.682

■ 91, 2.303, 96.409

■ 61, 44.727,
284.919

■ 97, 11.028, 95.438

■ 99, 15.515,
109.005

■ 56, 54.963,
287.496

■ 50, 65.533,
290.406

■ 45, 76.395,
293.579

■ 40, 87.345,
296.860

■ 36, 97.890,
299.998

■ 35, 100.500,
300.726

Harmonies

Complementary

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



79, 15.785, 279.130



86, 15.616, 94.695

Rectangle

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



79, 15.785, 279.130



79, 15.785, 329.130



79, 15.785, 99.130



79, 15.785, 149.130

Sweetspot

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



79, 15.784, 279.126



97, 4.968, 277.452



86, 14.779, 176.705



51, 3.392, 277.536



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, 15.784, 279.126



86, 21.246, 279.712



77, 21.274, 300.511



44, 5.108, 278.003



27, 82.524, 300.231



4, 26.041, 289.608

Inverse Universe

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



79, 15.572, 0.783



86, 21.031, 1.238



88, 20.520, 118.153



44, 4.997, 359.891



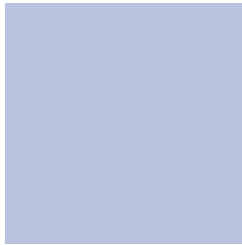
37, 67.832, 24.709



6, 25.302, 9.926

Previews

White Background



This preview shows how the CIELCh color 79, 15.785, 279.130 looks on a white background.

Color Contrast Check

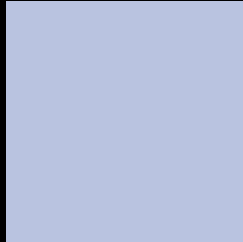
Large Text (above 18pt) WCAG AA × Fail

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, 15.785, 279.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

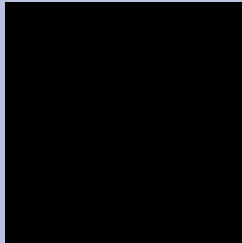
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

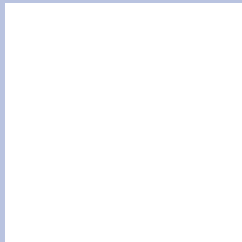
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.785, 279.130

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.785, 279.130.



This preview shows how white text looks on a background with the CIELCh color 79, 15.785, 279.130.

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, 15.785, 279.130

Protanopia

79, 15.536, 286.505

Deuteranopia

79, 18.515, 301.465



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 15.785, 279.130

Protanomaly
79, 15.597, 284.011

Deuteranomaly
79, 17.140, 294.006

Tritanomaly
79, 11.866, 270.757

Monochromacy



Original Color
79, 15.785, 279.130

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.507, 275.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.785, 279.130 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(185, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(185, 195, 224)  
}
```

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(185, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 195, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.785, 279.130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

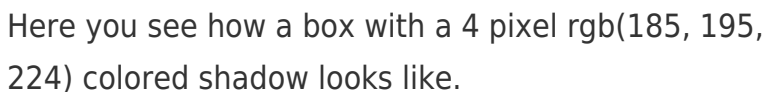
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 195, 224) }
```

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

```
.border{ border-color:rgb(185, 195, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 195, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 195, 224); box-shadow:4px 4px 4px 4px rgb(185, 195, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.785, 279.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 195, 224) }
```

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

```
.background{ background-color: rgb(185,  
195, 224) }
```

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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