

Converting Colors

CIELCh(79, 17.034, 289.260)

Have a look what the booklet for
CIELCh(79, 17.034, 289.260)
contains.

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Color

CIELCh(79, 17.118, 289.427)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1E1
RGB	191, 193, 225
RGB Percent	75%, 76%, 88%
CMY	0.2492, 0.2414, 0.1159
CMYK	0.15, 0.14, 0.00, 0.12
HSL	236°, 37%, 82%
HSV	236°, 15%, 88%
XYZ	54.4159, 54.9284, 79.2917
YIQ	196.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

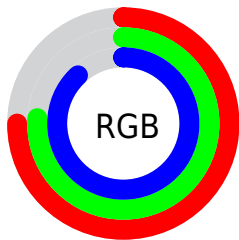
Format	Color
R _Y B	191, 193, 225
Decimal	12567009
CIE Lab	79.00, 5.69, -16.14
CIE LCh	79, 17.118, 289.427
Yxy	54.9284, 0.2885, 0.2912
Android (android.graphics.Color)	4290757089 (0xFFBFC1E1)
YUV	196.0500, 14.2724, -4.4288
Hunter-Lab	74.1137, 1.3597, -11.5528

Details

The CIELCh color **79, 17.118, 289.427** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 16.605, 106.180**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.084, 283.981**, and **59, 17.029, 288.521** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.021, 290.804**, and if you desaturate by 10%, it is **86, 5.669, 288.261**.

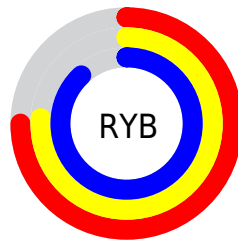
Distribution



Red (75%)

Green (76%)

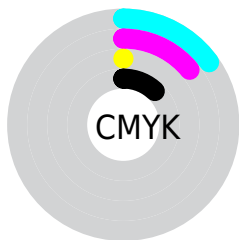
Blue (88%)



Red (75%)

Yellow (76%)

Blue (88%)

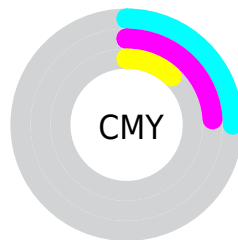


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (25%)


Magenta (24%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.118, 289.427 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, 17.118, 289.427 by changing the saturation by 10% instead.

 79, 17.118,
289.427

 79, 17.118,
289.427


 100, 17.118,
289.427


 69, 17.118,
289.427


 99, 17.118,
289.427

 59, 17.118,
289.427

 49, 17.118,
289.427

 39, 17.118,
289.427

 29, 17.118,
289.427

 19, 17.118,
289.427

 9, 17.118, 289.427

■ 0, 17.118, 289.427

■ 79, 17.118,
289.427

■ 79, 17.118,
289.427

■ 72, 29.021,
290.804

■ 86, 5.669, 288.261

■ 65, 41.420,
292.427

■ 93, 5.358, 107.226

■ 58, 54.338,
294.315

■ 99, 14.949,
109.048

■ 51, 67.751,
296.468

■ 44, 81.488,
298.834

■ 38, 95.042,
301.264

■ 33, 107.295,
303.496

■ 30, 116.503,
305.196

■ 29, 119.452,
305.723

Harmonies

Complementary

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



79, 17.118, 289.427



88, 16.605, 106.180

Rectangle

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



79, 17.118, 289.427



79, 17.118, 339.427



79, 17.118, 109.427



79, 17.118, 159.427

Sweetspot

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



79, 17.116, 289.424



96, 6.158, 288.255



87, 11.838, 192.859



51, 4.206, 288.330



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, 17.116, 289.424



86, 22.700, 289.820



80, 18.960, 307.455



43, 6.352, 288.741



21, 98.595, 305.539



3, 30.340, 294.622

Inverse Universe

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



80, 12.885, 15.710



88, 17.173, 16.017



88, 18.516, 125.989



44, 4.735, 15.175



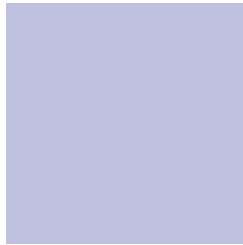
36, 76.660, 37.567



6, 25.411, 18.465

Previews

White Background



This preview shows how the CIELCh color 79, 17.118, 289.427 looks on a white background.

Color Contrast Check

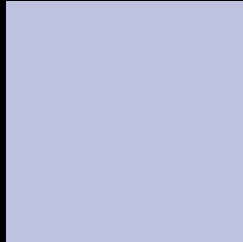
Large Text (above 18pt) WCAG AA × Fail

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 79, 17.118, 289.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

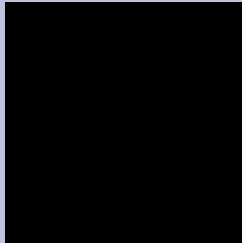
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 17.118, 289.427

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.118, 289.427.



This preview shows how white text looks on a background with the CIELCh color 79, 17.118, 289.427.

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

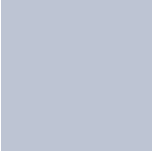
79, 17.118, 289.427

Protanopia

79, 17.130, 287.149

Deuteranopia

79, 19.041, 301.221



Tritanopia
79, 8.335, 273.705

Trichromacy



Original Color
79, 17.118, 289.427

Protanomaly
79, 17.113, 288.281

Deuteranomaly
79, 18.304, 297.186

Tritanomaly
79, 11.322, 282.336

Monochromacy



Original Color
79, 17.118, 289.427

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.419, 287.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.118, 289.427 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(191, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 225)  
}
```

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(191, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.118, 289.427 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(191, 193, 225) }
```

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

```
.border{ border-color:rgb(191, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 193, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 193, 225); box-shadow:4px 4px 4px 4px rgb(191, 193, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.118, 289.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 225) }
```

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

```
.background{ background-color: rgb(191,  
193, 225) }
```

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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