

Converting Colors

CIELCh(79, 27.276, 288.481)

Have a look what the booklet for
CIELCh(79, 27.276, 288.481)
contains.

CIELCh(79, 26.764, 287.669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 26.764, 287.669)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1F3
RGB	186, 193, 243
RGB Percent	73%, 76%, 95%
CMY	0.2713, 0.2439, 0.0478
CMYK	0.23, 0.21, 0.00, 0.05
HSL	233°, 70%, 84%
HSV	233°, 23%, 95%
XYZ	55.3769, 54.9284, 92.3176
YIQ	196.6070, -20.2220, 14.0660

Conversions

Conversions Part 2

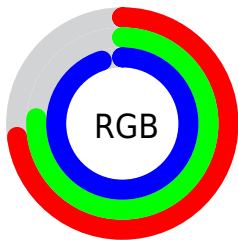
Format	Color
RYB	186, 192, 243
Decimal	12239347
CIELab	79.00, 8.12, -25.50
CIELCh	79, 26.764, 287.669
Yxy	54.9284, 0.2733, 0.2711
Android (android.graphics.Color)	4290429427 (0xFFBAC1F3)
YUV	196.6070, 22.8717, -9.3023
Hunter-Lab	74.1137, 3.6743, -21.9733

Details

The CIELCh color **79, 26.764, 287.669** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 25.720, 102.112**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.674, 256.132**, and **59, 26.686, 287.429** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.873, 289.325**, and if you desaturate by 10%, it is **86, 15.094, 286.258**.

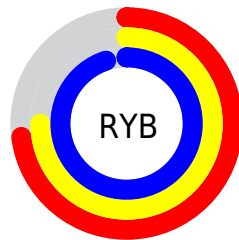
Distribution



Red (73%)

Green (76%)

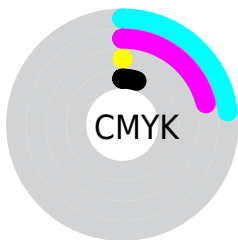
Blue (95%)



Red (73%)

Yellow (75%)

Blue (95%)

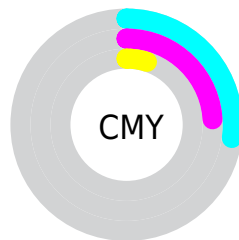


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (24%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.764, 287.669 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, 26.764, 287.669 by changing the saturation by 10% instead.

 79, 26.764,
287.669

 79, 26.764,
287.669


 100, 26.764,
287.669

 69, 26.764,
287.669

 99, 26.764,
287.669

 59, 26.764,
287.669

 49, 26.764,
287.669

 39, 26.764,
287.669

 29, 26.764,
287.669

 19, 26.764,
287.669

 9, 26.764, 287.669

■ 0, 26.764, 287.669

■ 79, 26.764,
287.669

■ 79, 26.764,
287.669

■ 72, 38.873,
289.325

■ 86, 15.094,
286.258

■ 65, 51.463,
291.261

■ 93, 3.832, 285.079

■ 58, 64.549,
293.492

■ 100, 6.175,
109.704

■ 51, 78.075,
295.992

■ 45, 91.788,
298.668

■ 39, 105.022,
301.318

■ 35,116.499,
303.645

■ 33,122.283,
304.811

Harmonies

Complementary

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



79, 26.764, 287.669



93, 25.720, 102.112

Rectangle

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



79, 26.764, 287.669



79, 26.764, 337.669



79, 26.764, 107.669



79, 26.764, 157.669

Sweetspot

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



79, 26.762, 287.668



95, 8.075, 285.467



92, 19.598, 186.515



50, 5.252, 285.537



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, 26.762, 287.668



79, 33.498, 288.398



79, 31.432, 305.650



47, 6.368, 285.759



24, 99.158, 304.518



4, 36.503, 297.618

Inverse Universe

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



81, 22.001, 11.626



81, 27.671, 12.235



93, 30.137, 123.041



48, 5.137, 10.059



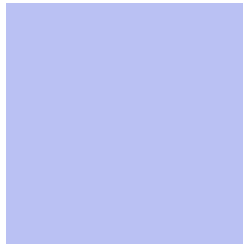
39, 77.204, 34.627



8, 30.325, 20.015

Previews

White Background



This preview shows how the CIELCh color 79, 26.764, 287.669 looks on a white background.

Color Contrast Check

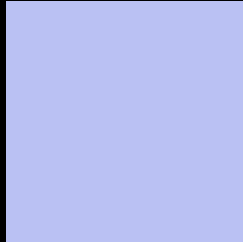
Large Text (above 18pt) WCAG AA × Fail

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, 26.764, 287.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

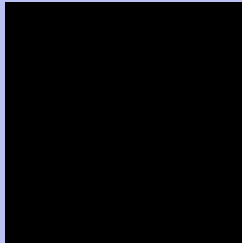
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 26.764, 287.669

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.764, 287.669.



This preview shows how white text looks on a background with the CIELCh color 79, 26.764, 287.669.

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, 26.764, 287.669

Protanopia

79, 26.812, 286.304

Deuteranopia

79, 27.823, 291.975



Tritanopia
79, 10.438, 254.333

Trichromacy



Original Color
79, 26.764, 287.669

Protanomaly
79, 26.786, 286.985

Deuteranomaly
79, 27.276, 289.858

Tritanomaly
79, 15.571, 273.786

Monochromacy



Original Color
79, 26.764, 287.669

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 9.657, 284.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.764, 287.669 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(186, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 243)  
}
```

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(186, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.764, 287.669 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(186, 193, 243) }
```

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

```
.border{ border-color:rgb(186, 193, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 243);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.764, 287.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 243) }
```

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

```
.background{ background-color: rgb(186,  
193, 243) }
```

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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