

Converting Colors

CIELCh(79, 26.162, 286.265)

Have a look what the booklet for
CIELCh(79, 26.162, 286.265)
contains.

CIELCh(79, 26.257, 286.814)	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, 26.257, 286.814)

Conversions

Conversions Part 1

Format	Color
Hex	B9C1F2
RGB	185, 193, 242
RGB Percent	73%, 76%, 95%
CMY	0.2741, 0.2427, 0.0506
CMYK	0.24, 0.20, 0.00, 0.05
HSL	232°, 69%, 84%
HSV	232°, 24%, 95%
XYZ	55.1671, 54.9284, 91.7817
YIQ	196.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

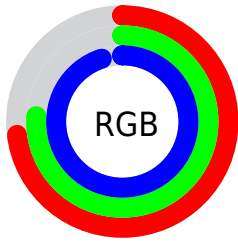
Format	Color
RYB	185, 192, 242
Decimal	12173810
CIELab	79.00, 7.60, -25.13
CIELCh	79, 26.257, 286.814
Yxy	54.9284, 0.2733, 0.2721
Android (android.graphics.Color)	4290363890 (0xFFB9C1F2)
YUV	196.1940, 22.5824, -9.8171
Hunter-Lab	74.1137, 3.1689, -21.5446

Details

The CIELCh color `79, 26.257, 286.814` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 25.299, 101.158`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 3.872, 251.881`, and `59, 26.154, 286.517` is the 20% darker color. If you saturate the color by 10%, you get `72, 38.080, 288.491`, and if you desaturate by 10%, it is `86, 14.850, 285.384`.

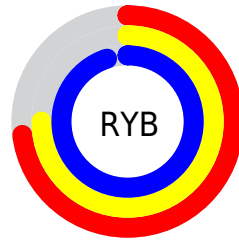
Distribution



Red (73%)

Green (76%)

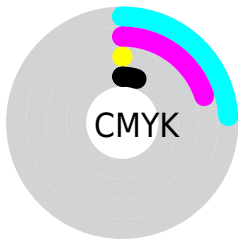
Blue (95%)



Red (73%)

Yellow (75%)

Blue (95%)

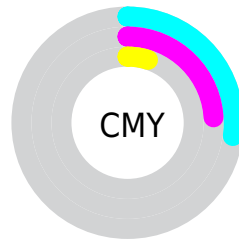


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (27%)


Magenta (24%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 26.257, 286.814 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, 26.257, 286.814 by changing the saturation by 10% instead.


 79, 26.257,
286.814

 79, 26.257,
286.814


 100, 26.257,
286.814


 69, 26.257,
286.814


 99, 26.257,
286.814

 59, 26.257,
286.814

 49, 26.257,
286.814

 39, 26.257,
286.814

 29, 26.257,
286.814

 19, 26.257,
286.814

 9, 26.257, 286.814

0, 26.257, 286.814

79, 26.257,
286.814

79, 26.257,
286.814

72, 38.080,
288.491

86, 14.850,
285.384

65, 50.361,
290.452

93, 3.830, 284.190

58, 63.119,
292.712

100, 6.526,
109.678

51, 76.318,
295.254

45, 89.750,
297.989

40, 102.843,
300.729

■ 35,114.458,
303.187

■ 33,120.476,
304.448

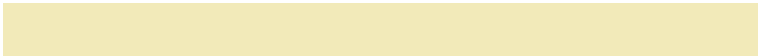
Harmonies

Complementary

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



79, 26.257, 286.814



92, 25.299, 101.158

Rectangle

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



79, 26.257, 286.814



79, 26.257, 336.814



79, 26.257, 106.814



79, 26.257, 156.814

Sweetspot

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



79, 26.255, 286.813



95, 7.923, 284.574



92, 19.759, 185.123



50, 5.153, 284.645



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, 26.255, 286.813



79, 32.827, 287.541



79, 31.391, 305.080



46, 6.139, 284.867



24, 96.758, 304.108



4, 34.138, 296.125

Inverse Universe

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



80, 22.070, 10.284



81, 27.715, 10.891



93, 30.061, 122.393



47, 5.069, 8.681



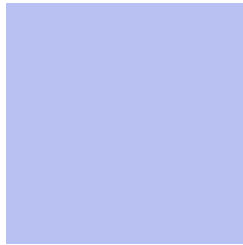
38, 75.518, 33.534



8, 29.193, 18.087

Previews

White Background



This preview shows how the CIELCh color 79, 26.257, 286.814 looks on a white background.

Color Contrast Check

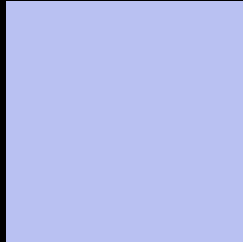
Large Text (above 18pt) WCAG AA × Fail

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, 26.257, 286.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

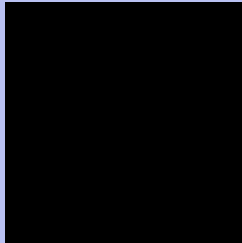
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 26.257, 286.814

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.257, 286.814.



This preview shows how white text looks on a background with the CIELCh color 79, 26.257, 286.814.

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, 26.257, 286.814

Protanopia

79, 26.283, 286.117

Deuteranopia

79, 27.290, 291.915



Tritanopia
79, 10.438, 254.333

Trichromacy



Original Color
79, 26.257, 286.814

Protanomaly
79, 26.283, 286.117

Deuteranomaly
79, 26.744, 289.752

Tritanomaly
79, 15.571, 273.786

Monochromacy



Original Color
79, 26.257, 286.814

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, 26.257, 286.814 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, 193, 242)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 242)  
}
```

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, 193, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.257, 286.814 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, 193, 242) }
```

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

```
.border{ border-color:rgb(185, 193, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 242);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.257, 286.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 242) }
```

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

```
.background{ background-color: rgb(185,  
193, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor