

Converting Colors

CIELCh(79, 14.860, 277.935)

Have a look what the booklet for
CIELCh(79, 14.860, 277.935)
contains.

CIELCh(79, 14.809, 276.800)	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, 14.809, 276.800)

Conversions

Conversions Part 1

Format	Color
Hex	B9C4DF
RGB	185, 196, 223
RGB Percent	73%, 77%, 87%
CMY	0.2757, 0.2326, 0.1267
CMYK	0.17, 0.12, 0.00, 0.13
HSL	223°, 37%, 80%
HSV	223°, 17%, 87%
XYZ	52.8813, 54.9284, 77.4051
YIQ	195.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

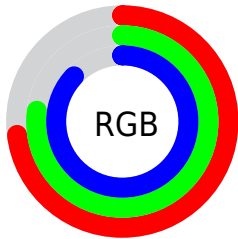
Format	Color
R_{YB}	185, 194, 223
Decimal	12174559
CIE Lab	79.00, 1.75, -14.70
CIE LCh	79, 14.809, 276.800
Yxy	54.9284, 0.2855, 0.2966
Android (android.graphics.Color)	4290364639 (0xFFB9C4DF)
YUV	195.7890, 13.4150, -9.4620
Hunter-Lab	74.1137, -2.3363, -10.0435

Details

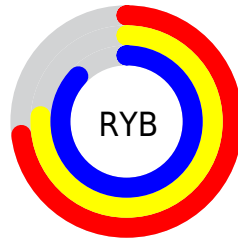
The CIELCh color **79, 14.809, 276.800** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 14.735, 92.354**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.241, 213.228**, and **59, 15.057, 278.249** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.735, 278.459**, and if you desaturate by 10%, it is **85, 6.070, 275.388**.

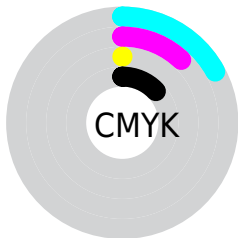
Distribution



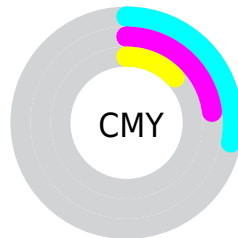
- Red (73%)
- Green (77%)
- Blue (87%)



- Red (73%)
- Yellow (76%)
- Blue (87%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.809, 276.800 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, 14.809, 276.800 by changing the saturation by 10% instead.

■ 79, 14.809,
276.800

■ 79, 14.809,
276.800

■ 100, 14.809,
276.800

■ 69, 14.809,
276.800

■ 99, 14.809,
276.800

■ 59, 14.809,
276.800

■ 49, 14.809,
276.800

■ 39, 14.809,
276.800

■ 29, 14.809,
276.800

■ 19, 14.809,
276.800

■ 9, 14.809, 276.800

■ 0, 14.809, 276.800

■ 79, 14.809,
276.800

■ 79, 14.809,
276.800

■ 73, 23.735,
278.459

■ 85, 6.070, 275.388

■ 68, 32.866,
280.409

■ 90, 2.488, 94.030

■ 62, 42.227,
282.685

■ 96, 10.870, 93.040

■ 99, 16.345,
108.942

■ 56, 51.850,
285.314

■ 51, 61.767,
288.295

■ 46, 71.975,
291.572

■ 41, 82.359,
295.007

■ 37, 92.592,
298.369

■ 36, 95.507,
299.264

Harmonies

Complementary

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



79, 14.809, 276.800



85, 14.735, 92.354

Rectangle

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



79, 14.809, 276.800



79, 14.809, 326.800



79, 14.809, 96.800



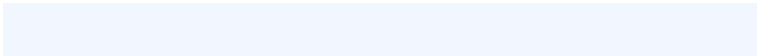
79, 14.809, 146.800

Sweetspot

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



79, 14.808, 276.796



97, 4.791, 275.140



86, 14.717, 174.378



51, 3.270, 275.225



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, 14.808, 276.796



87, 19.437, 277.282



77, 20.672, 299.285



44, 4.922, 275.701



28, 78.835, 298.740



5, 25.224, 288.424

Inverse Universe

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



79, 15.388, 358.375



87, 20.254, 358.740



87, 19.933, 116.829



44, 5.074, 357.528



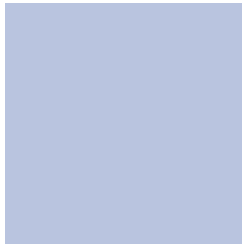
37, 66.641, 21.823



6, 25.341, 8.251

Previews

White Background



This preview shows how the CIELCh color 79, 14.809, 276.800 looks on a white background.

Color Contrast Check

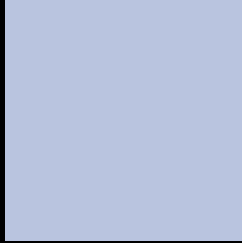
Large Text (above 18pt) WCAG AA × Fail

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, 14.809, 276.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

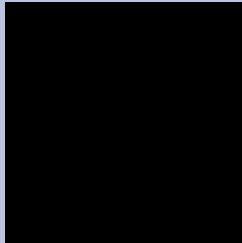
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

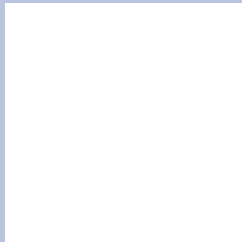
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.809, 276.800

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.809, 276.800.



This preview shows how white text looks on a background with the CIELCh color 79, 14.809, 276.800.

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

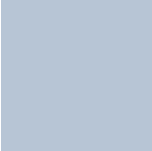
79, 14.809, 276.800

Protanopia

79, 14.983, 287.571

Deuteranopia

79, 18.666, 303.582



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 14.809, 276.800

Protanomaly
79, 14.527, 283.318

Deuteranomaly
79, 17.178, 295.160

Tritanomaly
79, 11.481, 268.123

Monochromacy



Original Color
79, 14.809, 276.800

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.512, 275.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.809, 276.800 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, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 223)  
}
```

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, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.809, 276.800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

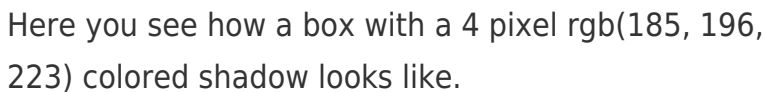
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 196, 223) }
```

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

```
.border{ border-color:rgb(185, 196, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 196, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 196, 223); box-shadow:4px 4px 4px 4px rgb(185, 196, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.809, 276.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 223) }
```

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

```
.background{ background-color: rgb(185,  
196, 223) }
```

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