

Converting Colors

CIELCh(79, 14.267, 282.080)

Have a look what the booklet for
CIELCh(79, 14.267, 282.080)
contains.

CIELCh(79, 14.047, 281.563)	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, 14.047, 281.563)

Conversions

Conversions Part 1

Format	Color
Hex	BCC3DD
RGB	188, 195, 221
RGB Percent	74%, 76%, 87%
CMY	0.2628, 0.2354, 0.1334
CMYK	0.15, 0.12, 0.00, 0.13
HSL	227°, 33%, 80%
HSV	227°, 15%, 87%
XYZ	53.2922, 54.9284, 76.1849
YIQ	195.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

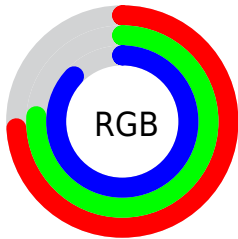
Format	Color
R _Y B	188, 194, 221
Decimal	12370909
CIE Lab	79.00, 2.82, -13.76
CIE LCh	79, 14.047, 281.563
Yxy	54.9284, 0.2890, 0.2979
Android (android.graphics.Color)	4290560989 (0xFFBCC3DD)
YUV	195.8710, 12.3886, -6.9029
Hunter-Lab	74.1137, -1.3468, -9.0674

Details

The CIELCh color **79, 14.047, 281.563** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 13.835, 97.923**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.139, 228.642**, and **59, 14.336, 281.740** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.786, 283.084**, and if you desaturate by 10%, it is **85, 4.582, 280.274**.

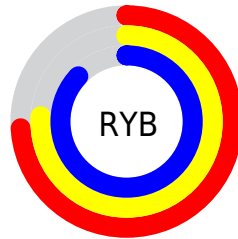
Distribution



Red (74%)

Green (76%)

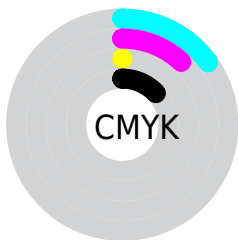
Blue (87%)



Red (74%)

Yellow (76%)

Blue (87%)

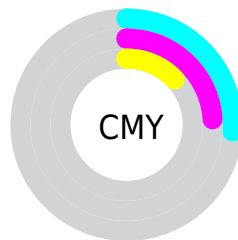


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (13%)



Cyan (26%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.047, 281.563 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, 14.047, 281.563 by changing the saturation by 10% instead.

■ 79, 14.047,
281.563

■ 79, 14.047,
281.563

■ 100, 14.047,
281.563

■ 69, 14.047,
281.563

■ 99, 14.047,
281.563

■ 59, 14.047,
281.563

■ 49, 14.047,
281.563

■ 39, 14.047,
281.563

■ 29, 14.047,
281.563

■ 19, 14.047,
281.563

■ 9, 14.047, 281.563

■ 0, 14.047, 281.563

■ 79, 14.047,
281.563

■ 79, 14.047,
281.563

■ 73, 23.786,
283.084

■ 85, 4.582, 280.274

■ 91, 4.622, 99.072

■ 67, 33.830,
284.873

■ 97, 13.582, 98.126

■ 61, 44.206,
286.960

■ 99, 17.206,
108.877

■ 55, 54.946,
289.368

■ 49, 66.058,
292.091

■ 43, 77.467,
295.064

■ 38, 88.899,
298.133

■ 34, 99.727,
301.054

■ 32, 104.699,
302.341

Harmonies

Complementary

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



79, 14.047, 281.563



86, 13.835, 97.923

Rectangle

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



79, 14.047, 281.563



79, 14.047, 331.563



79, 14.047, 101.563



79, 14.047, 151.563

Sweetspot

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



79, 14.045, 281.559



97, 4.170, 280.175



86, 12.234, 180.667



51, 2.965, 280.258



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, 14.045, 281.559



88, 19.100, 282.022



78, 18.063, 302.123



43, 5.268, 280.820



25, 86.117, 301.903



4, 25.309, 289.791

Inverse Universe

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



79, 12.926, 3.756



88, 17.638, 4.129



87, 17.541, 120.294



43, 4.816, 3.148



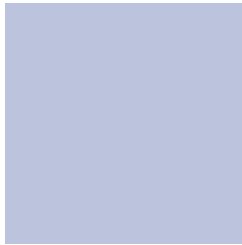
36, 68.889, 28.241



5, 23.754, 11.097

Previews

White Background



This preview shows how the CIELCh color 79, 14.047, 281.563 looks on a white background.

Color Contrast Check

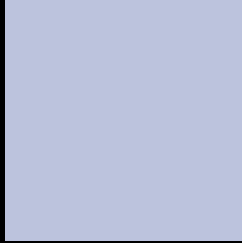
Large Text (above 18pt) WCAG AA × Fail

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, 14.047, 281.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

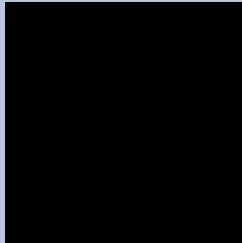
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

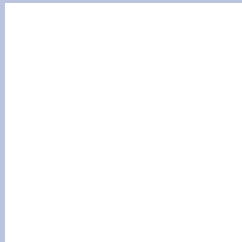
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.047, 281.563

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.047, 281.563.

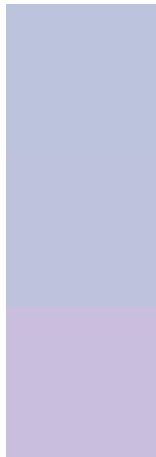


This preview shows how white text looks on a background with the CIELCh color 79, 14.047, 281.563.

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, 14.047, 281.563

Protanopia

79, 13.919, 287.156

Deuteranopia

79, 17.704, 305.366



Tritanopia
79, 9.166, 268.504

Trichromacy



Original Color
79, 14.047, 281.563

Protanomaly
79, 13.942, 285.745

Deuteranomaly
79, 16.179, 297.766

Tritanomaly
79, 10.555, 273.826

Monochromacy



Original Color
79, 14.047, 281.563

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.910, 277.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.047, 281.563 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(188, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 221)  
}
```

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(188, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.047, 281.563 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(188, 195, 221) }
```

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

```
.border{ border-color:rgb(188, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.047, 281.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 221) }
```

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

```
.background{ background-color: rgb(188,  
195, 221) }
```

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