

Converting Colors

CIELCh(80, 28.501, 282.324)

Have a look what the booklet for
CIELCh(80, 28.501, 282.324)
contains.

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Color

CIELCh(80, 28.541, 282.383)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5FA
RGB	181, 197, 250
RGB Percent	71%, 77%, 98%
CMY	0.2900, 0.2273, 0.0195
CMYK	0.28, 0.21, 0.00, 0.02
HSL	226°, 87%, 85%
HSV	226°, 28%, 98%
XYZ	56.3000, 56.6813, 98.4466
YIQ	198.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

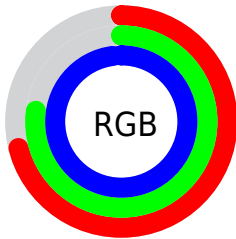
Format	Color
RYB	181, 194, 250
Decimal	11912698
CIELab	80.00, 6.12, -27.88
CIElCh	80, 28.541, 282.383
Yxy	56.6813, 0.2663, 0.2681
Android (android.graphics.Color)	4290102778 (0xFFB5C5FA)
YUV	198.2580, 25.5088, -15.1353
Hunter-Lab	75.2870, 1.7310, -24.8278

Details

The CIELCh color `80, 28.541, 282.383` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 27.858, 95.082`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.511, 204.494`, and `60, 28.534, 282.859` is the 20% darker color. If you saturate the color by 10%, you get `73, 39.444, 284.292`, and if you desaturate by 10%, it is `87, 17.951, 280.752`.

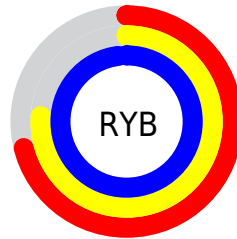
Distribution



Red (71%)

Green (77%)

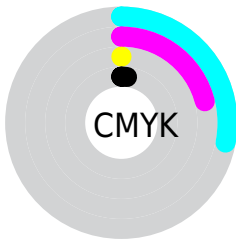
Blue (98%)



Red (71%)

Yellow (76%)

Blue (98%)

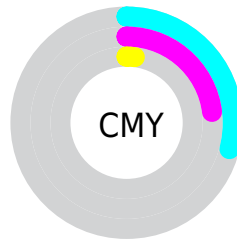


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 28.541, 282.383 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 80, 28.541, 282.383 by changing the saturation by 10% instead.

■ 80, 28.541,
282.383

■ 80, 28.541,
282.383

■ 100, 28.541,
282.383

■ 70, 28.541,
282.383

■ 60, 28.541,
282.383

■ 50, 28.541,
282.383

■ 40, 28.541,
282.383

■ 30, 28.541,
282.383

■ 20, 28.541,
282.383

■ 10, 28.541,

282.383

0, 28.541, 282.383

80, 28.541,
282.383

80, 28.541,
282.383

73, 39.444,
284.292

87, 17.951,
280.752

67, 50.700,
286.518

93, 7.652, 279.371

60, 62.341,
289.081

100, 2.333,
107.001

54, 74.372,
291.963

100, 2.505,
109.960

48, 86.697,
295.080

■ 43, 98.983,
298.256

■ 39, 110.513,
301.221

■ 38, 113.074,
301.844

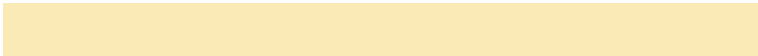
Harmonies

Complementary

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



80, 28.541, 282.383



93, 27.858, 95.082

Rectangle

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



80, 28.541, 282.383



80, 28.541, 332.383



80, 28.541, 102.383



80, 28.541, 152.383

Sweetspot

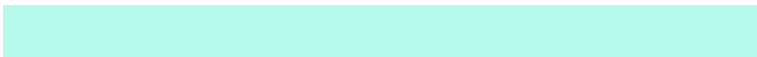
The Sweet Spot groups the original color and five complimentary colors.



80, 28.540, 282.382



95, 8.193, 279.423



94, 24.662, 178.099



50, 5.833, 279.617



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 28.540, 282.382



78, 34.945, 283.383



77, 37.695, 302.537



49, 5.737, 279.615



28, 90.095, 301.359



6, 34.896, 295.878

Inverse Universe

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



80, 27.343, 3.906



78, 33.554, 4.712



96, 35.582, 118.838



49, 5.404, 1.696



40, 72.666, 27.054



9, 30.840, 16.140

Previews

White Background



This preview shows how the CIE LCh color 80, 28.541, 282.383 looks on a white background.

Color Contrast Check

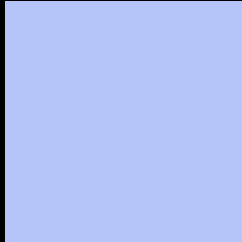
Large Text (above 18pt) WCAG AA × Fail

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 80, 28.541, 282.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

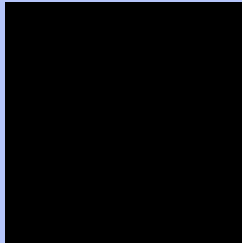
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 28.541, 282.383

Background



This preview shows how black text looks on a background with the CIELCh color 80, 28.541, 282.383.



This preview shows how white text looks on a background with the CIELCh color 80, 28.541, 282.383.

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

80, 28.541, 282.383

Protanopia

80, 28.374, 285.517

Deuteranopia

80, 30.407, 290.421



Tritanopia
80, 12.576, 241.749

Trichromacy



Original Color
80, 28.541, 282.383

Protanomaly
80, 28.406, 284.886

Deuteranomaly
80, 29.905, 287.887

Tritanomaly
80, 17.150, 263.834

Monochromacy



Original Color
80, 28.541, 282.383

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.299, 279.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 28.541, 282.383 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(181, 197, 250)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 250)  
}
```

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(181, 197, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 28.541, 282.383 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(181, 197, 250) }
```

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

```
.border{ border-color:rgb(181, 197, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 197, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 197, 250); box-shadow:4px 4px 4px 4px rgb(181, 197, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 28.541, 282.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 250) }
```

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

```
.background{ background-color: rgb(181,  
197, 250) }
```

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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