

Converting Colors

CIELCh(80, 28.579, 279.710)

Have a look what the booklet for
CIELCh(80, 28.579, 279.710)
contains.

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Color

CIELCh(80, 28.722, 279.939)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6FB
RGB	178, 198, 251
RGB Percent	70%, 78%, 98%
CMY	0.3028, 0.2243, 0.0166
CMYK	0.29, 0.21, 0.00, 0.02
HSL	224°, 90%, 84%
HSV	224°, 29%, 98%
XYZ	55.8334, 56.6813, 99.0801
YIQ	198.0620, -28.9330, 12.2430

Conversions

Conversions Part 2

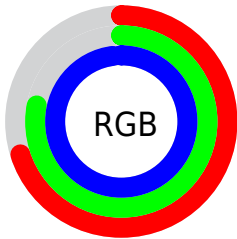
Format	Color
RYB	178, 194, 251
Decimal	11716347
CIELab	80.00, 4.96, -28.29
CIELCh	80, 28.722, 279.939
Yxy	56.6813, 0.2639, 0.2679
Android (android.graphics.Color)	4289906427 (0xFFB2C6FB)
YUV	198.0620, 26.0984, -17.5944
Hunter-Lab	75.2870, 0.6249, -25.3267

Details

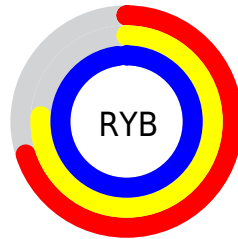
The CIELCh color `80, 28.722, 279.939` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 28.334, 91.933`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `60, 28.705, 280.406` is the 20% darker color. If you saturate the color by 10%, you get `74, 39.062, 281.951`, and if you desaturate by 10%, it is `86, 18.636, 278.220`.

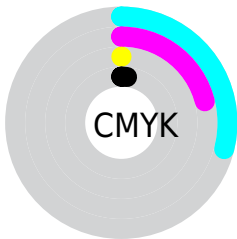
Distribution



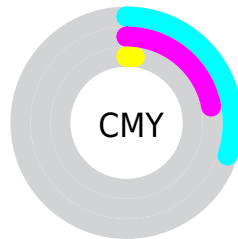
- Red (70%)
- Green (78%)
- Blue (98%)



- Red (70%)
- Yellow (76%)
- Blue (98%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (30%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 28.722, 279.939 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, 28.722, 279.939 by changing the saturation by 10% instead.

■ 80, 28.722,
279.939

■ 80, 28.722,
279.939

■ 100, 28.722,
279.939

■ 70, 28.722,
279.939

■ 60, 28.722,
279.939

■ 50, 28.722,
279.939

■ 40, 28.722,
279.939

■ 30, 28.722,
279.939

■ 20, 28.722,
279.939

■ 10, 28.722,

279.939

0, 28.722, 279.939

80, 28.722,
279.939

80, 28.722,
279.939

74, 39.062,
281.951

86, 18.636,
278.220

67, 49.691,
284.298

93, 8.787, 276.762

61, 60.647,
286.999

99, 0.842, 95.188

55, 71.952,
290.040

100, 2.130,
109.983

50, 83.560,
293.338

■ 45, 95.246,
296.724

■ 40, 106.491,
299.921

■ 40, 107.455,
300.177

Harmonies

Complementary

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



80, 28.722, 279.939



92, 28.334, 91.933

Rectangle

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



80, 28.722, 279.939



80, 28.722, 329.939



80, 28.722, 99.939



80, 28.722, 149.939

Sweetspot

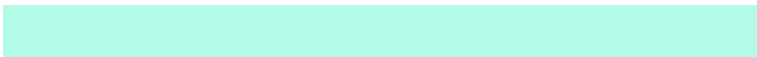
The Sweet Spot groups the original color and five complimentary colors.



80, 28.721, 279.938



94, 8.802, 276.749



93, 26.863, 174.248



49, 6.126, 276.945



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, 28.721, 279.938



77, 35.259, 281.092



76, 39.803, 300.984



49, 5.472, 276.814



30, 85.307, 299.625



7, 33.237, 294.276

Inverse Universe

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



80, 29.367, 1.042



77, 36.097, 1.933



96, 37.314, 116.679



49, 5.504, 358.637



40, 70.897, 23.509



9, 30.662, 13.698

Previews

White Background



This preview shows how the CIELCh color 80, 28.722, 279.939 looks on a white background.

Color Contrast Check

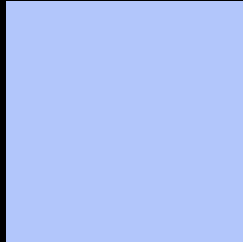
Large Text (above 18pt) WCAG AA × Fail

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 80, 28.722, 279.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

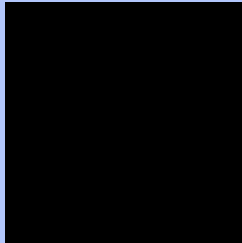
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 28.722, 279.939

Background



This preview shows how black text looks on a background with the CIELCh color 80, 28.722, 279.939.



This preview shows how white text looks on a background with the CIELCh color 80, 28.722, 279.939.

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

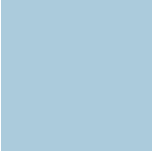
80, 28.722, 279.939

Protanopia

80, 28.374, 285.517

Deuteranopia

80, 30.416, 289.824



Tritanopia
80, 13.855, 239.851

Trichromacy



Original Color
80, 28.722, 279.939

Protanomaly
80, 28.496, 282.999

Deuteranomaly
80, 29.951, 286.688

Tritanomaly
80, 18.178, 261.096

Monochromacy



Original Color
80, 28.722, 279.939

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.367, 277.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 28.722, 279.939 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(178, 198, 251)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 251)  
}
```

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(178, 198, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 28.722, 279.939 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(178, 198, 251) }
```

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

```
.border{ border-color:rgb(178, 198, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 251);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 28.722, 279.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 251) }
```

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

```
.background{ background-color: rgb(178,  
198, 251) }
```

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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