

Converting Colors

CIELCh(81, 29.802, 292.160)

Have a look what the booklet for
CIELCh(81, 29.802, 292.160)
contains.

CIELCh(81, 29.784, 292.134)	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(81, 29.784, 292.134)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5FD
RGB	196, 197, 253
RGB Percent	77%, 77%, 99%
CMY	0.2331, 0.2292, 0.0097
CMYK	0.23, 0.22, 0.00, 0.01
HSL	239°, 92%, 88%
HSV	239°, 23%, 99%
XYZ	60.1711, 58.4711, 100.6562
YIQ	203.0850, -18.5720, 17.2040

Conversions

Conversions Part 2

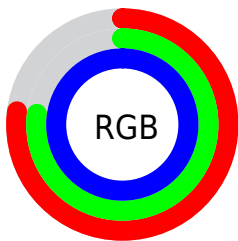
Format	Color
RYB	196, 197, 253
Decimal	12895741
CIELab	81.00, 11.22, -27.59
CIELCh	81, 29.784, 292.134
Yxy	58.4711, 0.2744, 0.2666
Android (android.graphics.Color)	4291085821 (0xFFC4C5FD)
YUV	203.0850, 24.6081, -6.2135
Hunter-Lab	76.4664, 6.6447, -24.5197

Details

The CIELCh color `81, 29.784, 292.134` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 28.290, 107.231`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.620, 256.225`, and `61, 29.861, 292.145` is the 20% darker color. If you saturate the color by 10%, you get `73, 43.900, 293.667`, and if you desaturate by 10%, it is `89, 16.250, 290.832`.

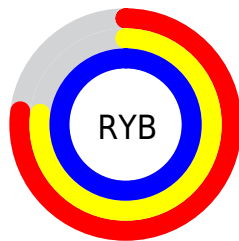
Distribution



Red (77%)

Green (77%)

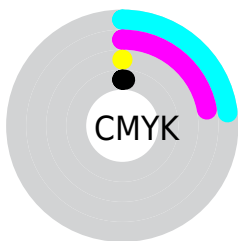
Blue (99%)



Red (77%)

Yellow (77%)

Blue (99%)

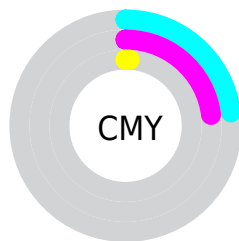


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.784, 292.134 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 81, 29.784, 292.134 by changing the saturation by 10% instead.

■ 81, 29.784,
292.134

■ 81, 29.784,
292.134

■ 100, 29.784,
292.134

■ 71, 29.784,
292.134

■ 61, 29.784,
292.134

■ 51, 29.784,
292.134

■ 41, 29.784,
292.134

■ 31, 29.784,
292.134

■ 21, 29.784,
292.134

■ 11, 29.784,

292.134

■ 1, 29.784, 292.134

■ 0, 29.784, 292.134

■ 81, 29.784,
292.134

■ 81, 29.784,
292.134

■ 73, 43.900,
293.667

■ 89, 16.250,
290.832

■ 65, 58.627,
295.458

■ 97, 3.259, 289.749

■ 57, 73.926,
297.505

100, 1.238,
110.023

■ 50, 89.572,
299.752

■ 43, 104.913,

302.044

■ 37, 118.532,
304.101

■ 34, 128.273,
305.570

■ 32, 132.138,
306.143

Harmonies

Complementary

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



81, 29.784, 292.134



98, 28.290, 107.231

Rectangle

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



81, 29.784, 292.134



81, 29.784, 342.134



81, 29.784, 112.134



81, 29.784, 162.134

Sweetspot

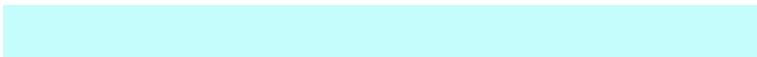
The Sweet Spot groups the original color and five complimentary colors.



81, 29.782, 292.133



94, 9.029, 290.200



95, 18.846, 195.261



50, 5.873, 290.265



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 29.782, 292.133



78, 36.256, 292.785



83, 31.618, 309.019



49, 7.368, 290.477



23, 106.981, 306.083



4, 43.566, 301.469

Inverse Universe

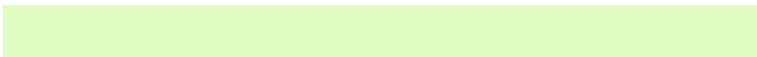
The Inverse Universe completely reimagines the original color for something new.



84, 21.745, 19.730



82, 26.664, 20.232



96, 30.572, 126.827



49, 5.252, 18.512



40, 83.431, 39.305



10, 33.220, 26.472

Previews

White Background



This preview shows how the CIELCh color 81, 29.784, 292.134 looks on a white background.

Color Contrast Check

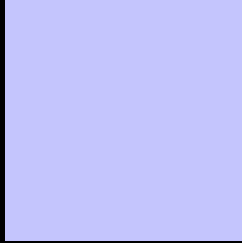
Large Text (above 18pt) WCAG AA × Fail

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 81, 29.784, 292.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

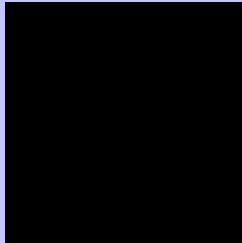
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 29.784, 292.134

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.784, 292.134.

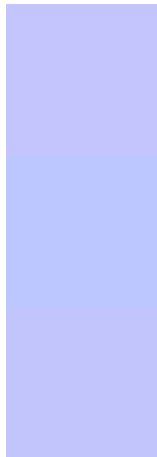


This preview shows how white text looks on a background with the CIELCh color 81, 29.784, 292.134.

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

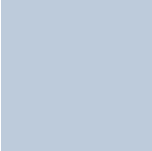
81, 29.784, 292.134

Protanopia

81, 29.375, 285.240

Deuteranopia

81, 29.259, 290.820



Tritanopia
81, 9.684, 260.864

Trichromacy



Original Color
81, 29.784, 292.134

Protanomaly
81, 29.296, 287.698

Deuteranomaly
81, 29.255, 291.448

Tritanomaly
81, 16.215, 279.541

Monochromacy



Original Color
81, 29.784, 292.134

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.624, 289.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.784, 292.134 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(196, 197, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 253)  
}
```

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(196, 197, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.784, 292.134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

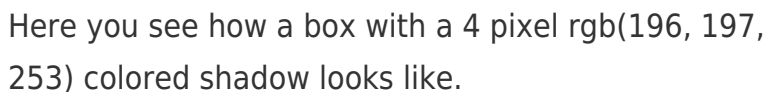
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 197, 253) }
```

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

```
.border{ border-color:rgb(196, 197, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 197, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 197, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 197, 253); box-shadow:4px 4px 4px 4px rgb(196, 197, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.784, 292.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 253) }
```

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

```
.background{ background-color: rgb(196,  
197, 253) }
```

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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