

Converting Colors

CIELCh(79, 34.796, 294.300)

Have a look what the booklet for
CIELCh(79, 34.796, 294.300)
contains.

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Color

CIELCh(79, 34.828, 294.810)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDFE
RGB	192, 189, 254
RGB Percent	75%, 74%, 100%
CMY	0.2460, 0.2577, 0.0028
CMYK	0.24, 0.26, 0.00, 0.00
HSL	243°, 98%, 87%
HSV	243°, 26%, 100%
XYZ	57.9994, 54.9284, 101.5519
YIQ	197.3070, -19.0770, 20.8510

Conversions

Conversions Part 2

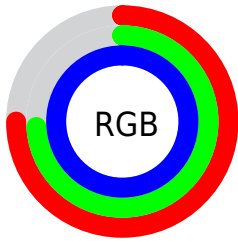
Format	Color
R _Y B	192, 189, 254
Decimal	12631550
CIE Lab	79.00, 14.61, -31.61
CIE LCh	79, 34.828, 294.810
Yxy	54.9284, 0.2704, 0.2561
Android (android.graphics.Color)	4290821630 (0xFFC0BDFE)
YUV	197.3070, 27.9496, -4.6542
Hunter-Lab	74.1137, 9.9905, -29.3606

Details

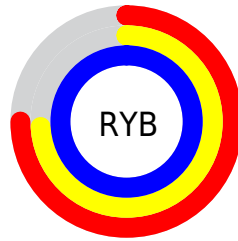
The CIELCh color **79, 34.828, 294.810** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 32.759, 109.686**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.326, 305.676**, and **59, 34.631, 294.529** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.491, 296.257**, and if you desaturate by 10%, it is **87, 20.768, 293.571**.

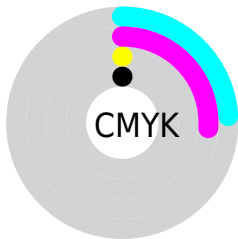
Distribution



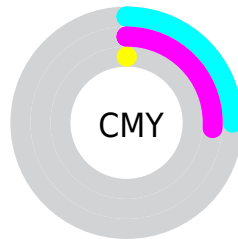
- Red (75%)
- Green (74%)
- Blue (100%)



- Red (75%)
- Yellow (74%)
- Blue (100%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 34.828, 294.810 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, 34.828, 294.810 by changing the saturation by 10% instead.


 79, 34.828,
294.810

 79, 34.828,
294.810


 100, 34.828,
294.810


 69, 34.828,
294.810


 99, 34.828,
294.810

 59, 34.828,
294.810

 49, 34.828,
294.810

 39, 34.828,
294.810

 29, 34.828,
294.810

 19, 34.828,
294.810

 9, 34.828, 294.810

0, 34.828, 294.810

79, 34.828,
294.810

79, 34.828,
294.810

71, 49.491,
296.257

87, 20.768,
293.571

63, 64.754,
297.926

95, 7.284, 292.522

55, 80.501,
299.794

100, 0.350,
109.931

48, 96.344,
301.781

41, 111.343,
303.701

36, 123.739,
305.261

■ 33, 131.364,
306.149

■ 32, 133.331,
306.379

Harmonies

Complementary

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



79, 34.828, 294.810



98, 32.759, 109.686

Rectangle

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



79, 34.828, 294.810



79, 34.828, 344.810



79, 34.828, 114.810



79, 34.828, 164.810

Sweetspot

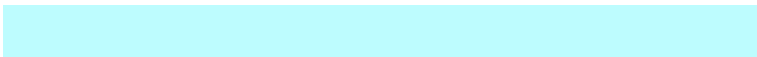
The Sweet Spot groups the original color and five complimentary colors.



79, 34.826, 294.809



94, 10.538, 292.760



95, 20.397, 201.313



49, 7.511, 292.913



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, 34.826, 294.809



75, 42.815, 295.570



82, 36.581, 311.416



49, 7.511, 292.913



23, 107.550, 306.418



3, 44.239, 302.689

Inverse Universe

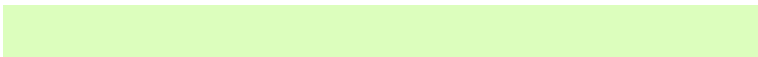
The Inverse Universe completely reimagines the original color for something new.



84, 39.535, 327.141



81, 47.952, 327.446



96, 35.396, 129.052



50, 8.777, 326.216



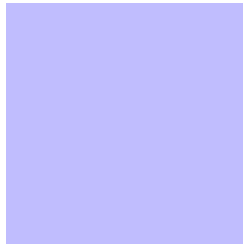
45, 89.763, 330.164



12, 41.476, 329.921

Previews

White Background



This preview shows how the CIELCh color 79, 34.828, 294.810 looks on a white background.

Color Contrast Check

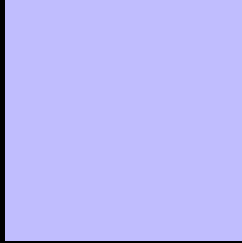
Large Text (above 18pt) WCAG AA × Fail

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 79, 34.828, 294.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

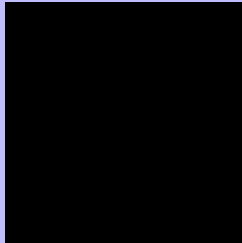
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.828, 294.810

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.828, 294.810.



This preview shows how white text looks on a background with the CIELCh color 79, 34.828, 294.810.

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, 34.828, 294.810

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 33.183, 288.201



Tritanopia
79, 9.575, 262.719

Trichromacy



Original Color
79, 34.828, 294.810

Protanomaly
79, 33.694, 288.858

Deuteranomaly
79, 33.688, 290.458

Tritanomaly
79, 18.274, 284.375

Monochromacy



Original Color
79, 34.828, 294.810

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.295, 292.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.828, 294.810 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(192, 189, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 254)  
}
```

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(192, 189, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.828, 294.810 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(192, 189, 254) }
```

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

```
.border{ border-color:rgb(192, 189, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.828, 294.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 254) }
```

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

```
.background{ background-color: rgb(192,  
189, 254) }
```

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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