

Converting Colors

CIELCh(79, 35.383, 294.462)

Have a look what the booklet for
CIELCh(79, 35.383, 294.462)
contains.

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Color

CIELCh(79, 35.360, 294.826)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDFF
RGB	192, 189, 255
RGB Percent	75%, 74%, 100%
CMY	0.2464, 0.2581, 0.0000
CMYK	0.25, 0.26, 0.00, 0.00
HSL	243°, 100%, 87%
HSV	243°, 26%, 100%
XYZ	58.0948, 54.9284, 102.3001
YIQ	197.4210, -19.3980, 21.1620

Conversions

Conversions Part 2

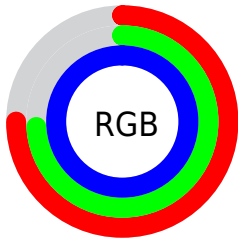
Format	Color
RYB	192, 189, 255
Decimal	12631551
CIELab	79.00, 14.85, -32.09
CIELCh	79, 35.360, 294.826
Yxy	54.9284, 0.2698, 0.2551
Android (android.graphics.Color)	4290821631 (0xFFC0BDFF)
YUV	197.4210, 28.3864, -4.7542
Hunter-Lab	74.1137, 10.2201, -29.9592

Details

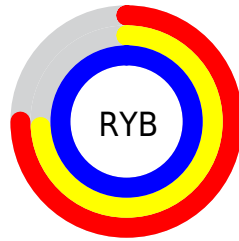
The CIELCh color **79, 35.360, 294.826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 33.146, 109.637**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.326, 305.676**, and **59, 35.192, 294.575** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.976, 296.278**, and if you desaturate by 10%, it is **87, 21.157, 293.577**.

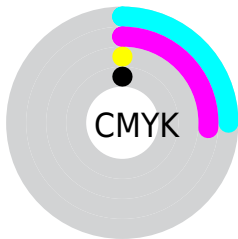
Distribution



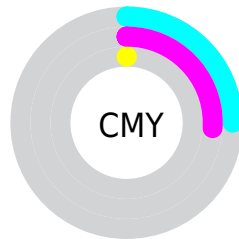
- Red (75%)
- Green (74%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.360, 294.826 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, 35.360, 294.826 by changing the saturation by 10% instead.


 79, 35.360,
294.826


 79, 35.360,
294.826


 100, 35.360,
294.826


 69, 35.360,
294.826


 99, 35.360,
294.826

 59, 35.360,
294.826

 49, 35.360,
294.826

 39, 35.360,
294.826

 29, 35.360,
294.826

 19, 35.360,
294.826

 9, 35.360, 294.826

0, 35.360, 294.826

79, 35.360,
294.826

79, 35.360,
294.826

71, 49.976,
296.278

87, 21.157,
293.577

63, 65.289,
297.954

95, 7.628, 292.522

55, 81.081,
299.830

100, 0.012,
296.813

48, 96.955,
301.821

41, 111.949,
303.740

36, 124.276,
305.289

■ 33, 131.769,
306.159

■ 32, 133.617,
306.377

Harmonies

Complementary

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



79, 35.360, 294.826



98, 33.146, 109.637

Rectangle

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



79, 35.360, 294.826



79, 35.360, 344.826



79, 35.360, 114.826



79, 35.360, 164.826

Sweetspot

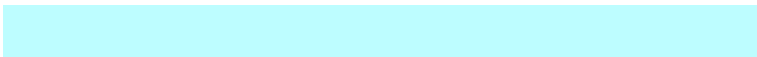
The Sweet Spot groups the original color and five complimentary colors.



79, 35.262, 294.822



94, 10.538, 292.737



95, 20.622, 201.305



49, 7.510, 292.890



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, 35.262, 294.822



75, 42.815, 295.550



82, 37.030, 311.429



49, 7.510, 292.890



23, 107.553, 306.416



3, 44.238, 302.677

Inverse Universe

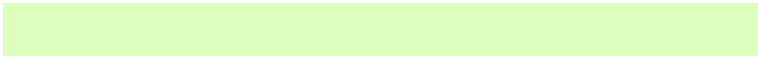
The Inverse Universe completely reimagines the original color for something new.



84, 40.024, 327.137



81, 47.972, 327.428



96, 35.819, 129.040



50, 8.780, 326.199



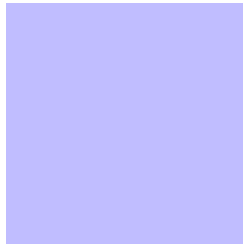
45, 89.806, 330.137



12, 41.494, 329.898

Previews

White Background



This preview shows how the CIELCh color 79, 35.360, 294.826 looks on a white background.

Color Contrast Check

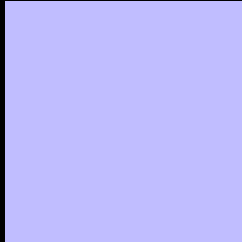
Large Text (above 18pt) WCAG AA × Fail

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, 35.360, 294.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

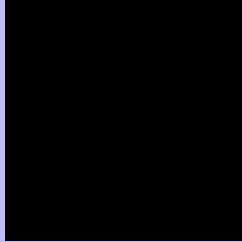
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 35.360, 294.826

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.360, 294.826.



This preview shows how white text looks on a background with the CIELCh color 79, 35.360, 294.826.

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, 35.360, 294.826

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 33.183, 288.201



Tritanopia
79, 9.575, 262.719

Trichromacy



Original Color
79, 35.360, 294.826

Protanomaly
79, 33.694, 288.858

Deuteranomaly
79, 33.688, 290.458

Tritanomaly
79, 18.274, 284.375

Monochromacy



Original Color
79, 35.360, 294.826

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.828, 292.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.360, 294.826 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.360, 294.826 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, 255) }
```

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

```
.border{ border-color:rgb(192, 189, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.360, 294.826 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, 255) }
```

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

```
.background{ background-color: rgb(192,  
189, 255) }
```

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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