

Converting Colors

CIELCh(80, 46.670, 292.997)

Have a look what the booklet for
CIELCh(80, 46.670, 292.997)
contains.

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Color

CIELCh(79, 34.206, 291.596)

Conversions

Conversions Part 1

Format	Color
Hex	BCBFFF
RGB	188, 191, 255
RGB Percent	74%, 75%, 100%
CMY	0.2643, 0.2525, 0.0016
CMYK	0.26, 0.25, 0.00, 0.00
HSL	237°, 99%, 87%
HSV	237°, 26%, 100%
XYZ	57.1729, 54.9284, 101.8504
YIQ	197.3990, -22.3320, 19.2680

Conversions

Conversions Part 2

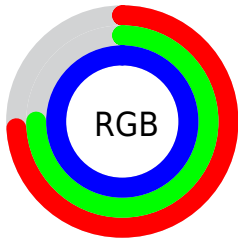
Format	Color
R_{YB}	188, 191, 255
Decimal	12369919
CIE _{Lab}	79.00, 12.59, -31.80
CIE _{LCh}	79, 34.206, 291.596
Yxy	54.9284, 0.2672, 0.2567
Android (android.graphics.Color)	4290559999 (0xFFBCBFFF)
YUV	197.3990, 28.3973, -8.2429
Hunter-Lab	74.1137, 7.9997, -29.5994

Details

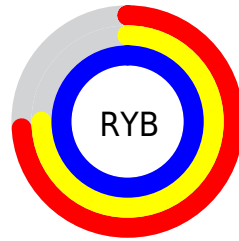
The CIELCh color `79, 34.206, 291.596` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 32.293, 105.649`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 4.143, 280.901`, and `59, 33.995, 291.226` is the 20% darker color. If you saturate the color by 10%, you get `71, 48.197, 293.252`, and if you desaturate by 10%, it is `87, 20.783, 290.186`.

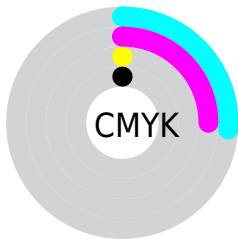
Distribution



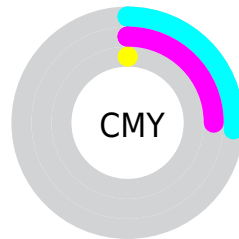
- Red (74%)
- Green (75%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.206, 291.596 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, 34.206, 291.596 by changing the saturation by 10% instead.

■ 79, 34.206,
291.596

■ 79, 34.206,
291.596

■ 100, 34.206,
291.596

■ 69, 34.206,
291.596

■ 99, 34.206,
291.596

■ 59, 34.206,
291.596

■ 49, 34.206,
291.596

■ 39, 34.206,
291.596

■ 29, 34.206,
291.596

■ 19, 34.206,
291.596

■ 9, 34.206, 291.596

0, 34.206, 291.596

79, 34.206,
291.596

79, 34.206,
291.596

71, 48.197,
293.252

87, 20.783,
290.186

63, 62.780,
295.176

95, 7.891, 288.998

56, 77.896,
297.358

100, 0.196,
109.769

48, 93.276,
299.725

42, 108.181,
302.097

37, 121.101,
304.175

■ 33, 129.944,
305.619

■ 33, 131.898,
305.924

Harmonies

Complementary

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



79, 34.206, 291.596



98, 32.293, 105.649

Rectangle

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



79, 34.206, 291.596



79, 34.206, 341.596



79, 34.206, 111.596



79, 34.206, 161.596

Sweetspot

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



79, 34.204, 291.595



94, 10.048, 289.184



96, 21.944, 193.530



49, 7.161, 289.355



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, 34.204, 291.595



75, 42.150, 292.506



81, 37.205, 308.669



49, 7.161, 289.355



24, 105.776, 305.771



4, 42.702, 301.001

Inverse Universe

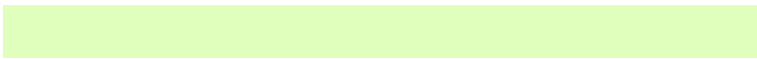
The Inverse Universe completely reimagines the original color for something new.



82, 25.818, 18.048



79, 32.057, 18.798



96, 35.709, 126.029



49, 5.257, 16.310



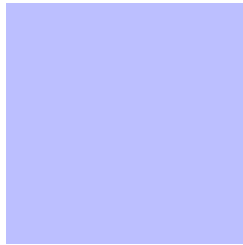
40, 82.316, 38.289



10, 33.003, 25.376

Previews

White Background



This preview shows how the CIELCh color 79, 34.206, 291.596 looks on a white background.

Color Contrast Check

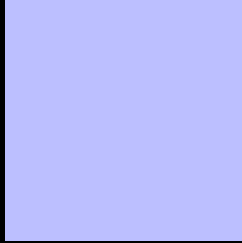
Large Text (above 18pt) WCAG AA × Fail

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, 34.206, 291.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

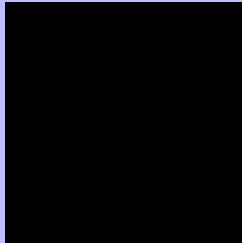
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.206, 291.596

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.206, 291.596.



This preview shows how white text looks on a background with the CIELCh color 79, 34.206, 291.596.

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, 34.206, 291.596

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 33.183, 288.201



Tritanopia
79, 10.438, 254.333

Trichromacy



Original Color
79, 34.206, 291.596

Protanomaly
79, 33.732, 287.813

Deuteranomaly
79, 33.698, 289.928

Tritanomaly
79, 18.504, 279.252

Monochromacy



Original Color
79, 34.206, 291.596

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.284, 289.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.206, 291.596 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(188, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 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(188, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.206, 291.596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

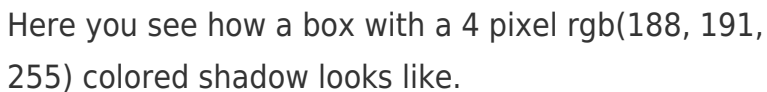
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 191, 255) }
```

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

```
.border{ border-color:rgb(188, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.206, 291.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 255) }
```

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

```
.background{ background-color: rgb(188,  
191, 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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