

Converting Colors

CIELCh(79, 35.402, 300.401)

Have a look what the booklet for
CIELCh(79, 35.402, 300.401)
contains.

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Color

CIELCh(79, 35.188, 300.623)

Conversions

Conversions Part 1

Format	Color
Hex	C9BBFC
RGB	201, 187, 252
RGB Percent	79%, 73%, 99%
CMY	0.2121, 0.2670, 0.0121
CMYK	0.20, 0.26, 0.00, 0.01
HSL	253°, 91%, 86%
HSV	253°, 26%, 99%
XYZ	59.3681, 54.9284, 99.4879
YIQ	198.5960, -12.5210, 23.1830

Conversions

Conversions Part 2

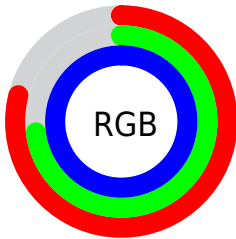
Format	Color
R _Y B	201, 187, 252
Decimal	13220860
CIE Lab	79.00, 17.92, -30.28
CIE LCh	79, 35.188, 300.623
Yxy	54.9284, 0.2777, 0.2569
Android (android.graphics.Color)	4291410940 (0xFFC9BBFC)
YUV	198.5960, 26.3282, 2.1083
Hunter-Lab	74.1137, 13.2870, -27.7094

Details

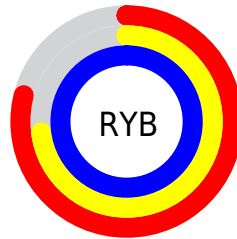
The CIELCh color `79, 35.188, 300.623` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 33.256, 116.846`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 7.476, 324.660`, and `59, 34.943, 300.489` is the 20% darker color. If you saturate the color by 10%, you get `71, 49.750, 301.623`, and if you desaturate by 10%, it is `87, 21.141, 299.742`.

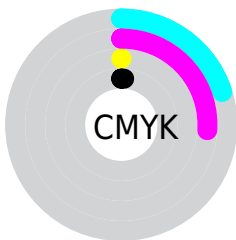
Distribution



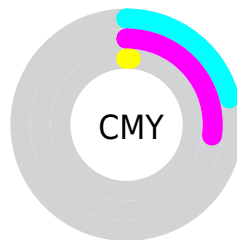
- Red (79%)
- Green (73%)
- Blue (99%)



- Red (79%)
- Yellow (73%)
- Blue (99%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)





- Cyan (21%)
- Magenta (27%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.188, 300.623 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, 35.188, 300.623 by changing the saturation by 10% instead.


 79, 35.188,
300.623


 79, 35.188,
300.623


 100, 35.188,
300.623


 69, 35.188,
300.623


 99, 35.188,
300.623

 59, 35.188,
300.623

 49, 35.188,
300.623

 39, 35.188,
300.623

 29, 35.188,
300.623

 19, 35.188,
300.623

 9, 35.188, 300.623

0, 35.188, 300.623

79, 35.188,
300.623

79, 35.188,
300.623

71, 49.750,
301.623

87, 21.141,
299.742

64, 64.770,
302.738

94, 7.620, 298.976

56, 80.060,
303.938

100, 1.559,
110.012

49, 95.190,
305.153

43, 109.299,
306.252

38, 120.960,
307.031

■ 35,128.490,
307.269

■ 34,130.583,
307.261

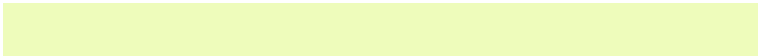
Harmonies

Complementary

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



79, 35.188, 300.623



97, 33.256, 116.846

Rectangle

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



79, 35.188, 300.623



79, 35.188, 350.623



79, 35.188, 120.623



79, 35.188, 170.623

Sweetspot

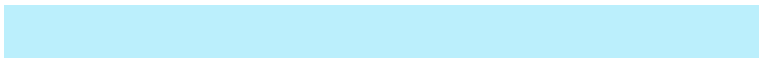
The Sweet Spot groups the original color and five complimentary colors.



79, 35.186, 300.622



94, 10.655, 299.136



91, 17.948, 220.598



49, 7.593, 299.248



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, 35.186, 300.622



76, 43.123, 301.130



82, 37.877, 316.844



48, 7.468, 299.246



24, 104.912, 307.382



4, 42.604, 305.272

Inverse Universe

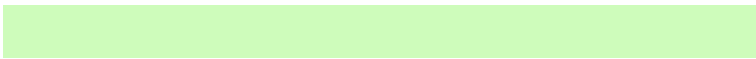
The Inverse Universe completely reimagines the original color for something new.



83, 35.241, 332.755



81, 42.714, 333.122



94, 37.146, 134.513



49, 7.669, 331.645



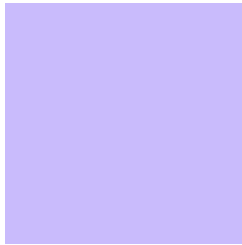
43, 78.010, 339.125



11, 36.012, 337.463

Previews

White Background



This preview shows how the CIELCh color 79, 35.188, 300.623 looks on a white background.

Color Contrast Check

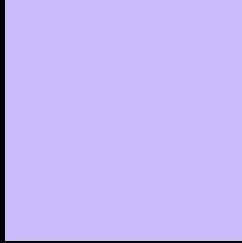
Large Text (above 18pt) WCAG AA × Fail

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, 35.188, 300.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

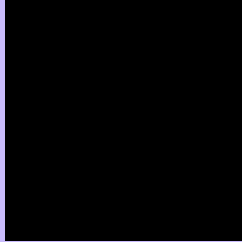
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 35.188, 300.623

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.188, 300.623.

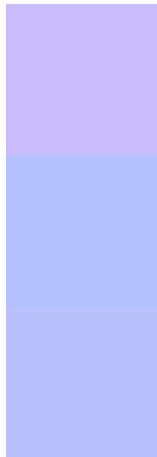


This preview shows how white text looks on a background with the CIELCh color 79, 35.188, 300.623.

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

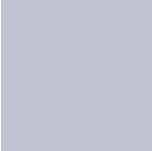
79, 35.188, 300.623

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 31.561, 288.916



Tritanopia
79, 8.036, 285.845

Trichromacy



Original Color
79, 35.188, 300.623

Protanomaly
79, 33.681, 290.990

Deuteranomaly
79, 32.651, 293.618

Tritanomaly
79, 17.739, 296.205

Monochromacy



Original Color
79, 35.188, 300.623

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.432, 299.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.188, 300.623 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(201, 187, 252)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 252)  
}
```

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(201, 187, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.188, 300.623 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(201, 187, 252) }
```

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

```
.border{ border-color:rgb(201, 187, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 252);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.188, 300.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 252) }
```

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

```
.background{ background-color: rgb(201,  
187, 252) }
```

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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