

Converting Colors

CIELCh(79, 37.256, 299.332)

Have a look what the booklet for
CIELCh(79, 37.256, 299.332)
contains.

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Color

CIELCh(79, 36.693, 299.379)

Conversions

Conversions Part 1

Format	Color
Hex	C7BBFF
RGB	199, 187, 255
RGB Percent	78%, 73%, 100%
CMY	0.2194, 0.2665, 0.0000
CMYK	0.22, 0.27, 0.00, 0.00
HSL	251°, 100%, 87%
HSV	251°, 27%, 100%
XYZ	59.4001, 54.9284, 102.1150
YIQ	198.3400, -14.6760, 23.6920

Conversions

Conversions Part 2

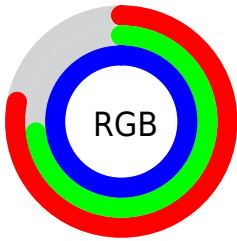
Format	Color
RYB	199, 187, 255
Decimal	13089791
CIELab	79.00, 18.00, -31.97
CIELCh	79, 36.693, 299.379
Yxy	54.9284, 0.2744, 0.2538
Android (android.graphics.Color)	4291279871 (0xFFC7BBFF)
YUV	198.3400, 27.9334, 0.5788
Hunter-Lab	74.1137, 13.3640, -29.8111

Details

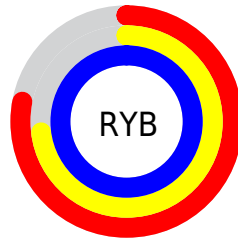
The CIELCh color $79, 36.693, 299.379$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98, 34.517, 115.169$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 7.476, 324.660$, and $59, 36.551, 299.269$ is the 20% darker color. If you saturate the color by 10%, you get $71, 51.420, 300.486$, and if you desaturate by 10%, it is $87, 22.463, 298.415$.

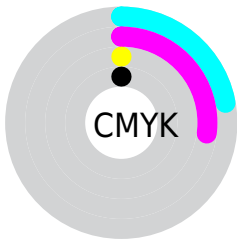
Distribution



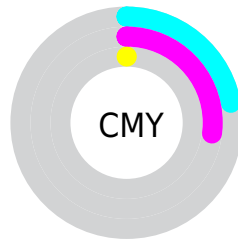
- Red (78%)
- Green (73%)
- Blue (100%)



- Red (78%)
- Yellow (73%)
- Blue (100%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.693, 299.379 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, 36.693, 299.379 by changing the saturation by 10% instead.


 79, 36.693,
299.379


 79, 36.693,
299.379


 100, 36.693,
299.379


 69, 36.693,
299.379


 99, 36.693,
299.379

 59, 36.693,
299.379

 49, 36.693,
299.379

 39, 36.693,
299.379

 29, 36.693,
299.379

 19, 36.693,
299.379

 9, 36.693, 299.379

0, 36.693, 299.379

79, 36.693,
299.379

79, 36.693,
299.379

71, 51.420,
300.486

87, 22.463,
298.415

63, 66.662,
301.725

95, 8.803, 297.579

56, 82.206,
303.069

100, 0.012,
296.813

49, 97.599,
304.441

42, 111.902,
305.692

37, 123.550,
306.595

■ 34, 130.758,
306.917

■ 34, 132.402,
306.956

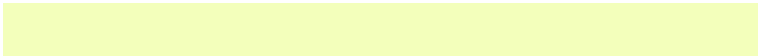
Harmonies

Complementary

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



79, 36.693, 299.379



98, 34.517, 115.169

Rectangle

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



79, 36.693, 299.379



79, 36.693, 349.379



79, 36.693, 119.379



79, 36.693, 169.379

Sweetspot

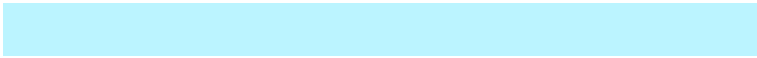
The Sweet Spot groups the original color and five complimentary colors.



79, 36.668, 299.381



94, 10.617, 297.685



93, 18.998, 216.382



49, 7.566, 297.806



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, 36.668, 299.381



75, 44.495, 299.955



82, 39.255, 315.820



49, 7.566, 297.806



24, 106.478, 307.057



4, 44.512, 305.101

Inverse Universe

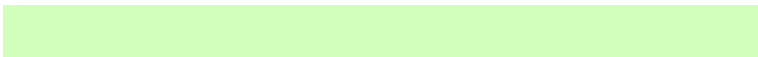
The Inverse Universe completely reimagines the original color for something new.



84, 37.761, 331.400



81, 45.261, 331.756



95, 38.366, 133.428



50, 8.014, 330.282



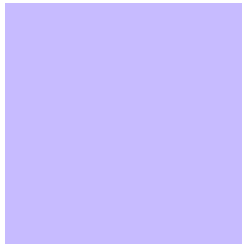
44, 81.093, 336.789



12, 37.916, 335.580

Previews

White Background



This preview shows how the CIELCh color 79, 36.693, 299.379 looks on a white background.

Color Contrast Check

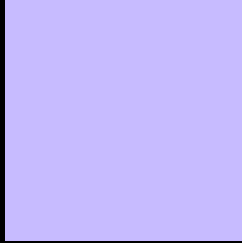
Large Text (above 18pt) WCAG AA × Fail

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, 36.693, 299.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

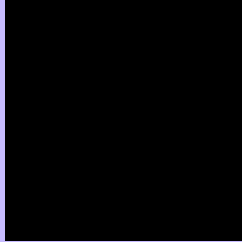
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.693, 299.379

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.693, 299.379.



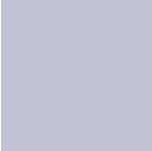
This preview shows how white text looks on a background with the CIELCh color 79, 36.693, 299.379.

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





Tritanopia
79, 8.641, 281.553

Trichromacy



Original Color
79, 36.693, 299.379

Protanomaly
79, 34.219, 290.550

Deuteranomaly
79, 34.237, 292.662

Tritanomaly
79, 18.757, 293.941

Monochromacy



Original Color
79, 36.693, 299.379

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 13.456, 297.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.693, 299.379 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(199, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 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(199, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.693, 299.379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

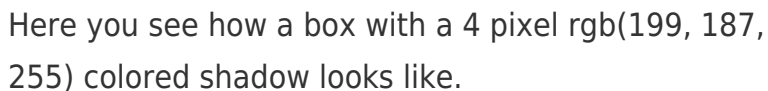
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 187, 255) }
```

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

```
.border{ border-color:rgb(199, 187, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 187, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 187, 255); box-shadow:4px 4px 4px 4px rgb(199, 187, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.693, 299.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 255) }
```

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

```
.background{ background-color: rgb(199,  
187, 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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