

Converting Colors

CIELCh(79, 33.443, 289.729)

Have a look what the booklet for
CIELCh(79, 33.443, 289.729)
contains.

CIELCh(79, 33.698, 289.928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 33.698, 289.928)

Conversions

Conversions Part 1

Format	Color
Hex	B9BFFE
RGB	185, 191, 254
RGB Percent	73%, 75%, 100%
CMY	0.2733, 0.2497, 0.0026
CMYK	0.27, 0.25, 0.00, 0.00
HSL	235°, 98%, 86%
HSV	235°, 27%, 100%
XYZ	56.7253, 54.9284, 101.6559
YIQ	196.3880, -23.7990, 18.3210

Conversions

Conversions Part 2

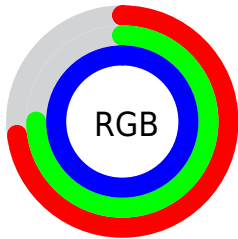
Format	Color
RYB	185, 191, 254
Decimal	12173310
CIELab	79.00, 11.49, -31.68
CIELCh	79, 33.698, 289.928
Yxy	54.9284, 0.2659, 0.2575
Android (android.graphics.Color)	4290363390 (0xFFB9BFFE)
YUV	196.3880, 28.4027, -9.9873
Hunter-Lab	74.1137, 6.9218, -29.4438

Details

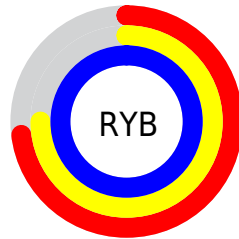
The CIELCh color `79, 33.698, 289.928` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 31.951, 103.560`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 4.417, 267.541`, and `59, 33.475, 289.510` is the 20% darker color. If you saturate the color by 10%, you get `71, 47.038, 291.650`, and if you desaturate by 10%, it is `87, 20.877, 288.461`.

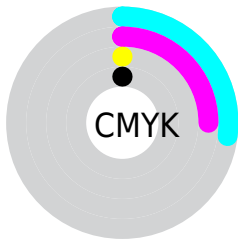
Distribution



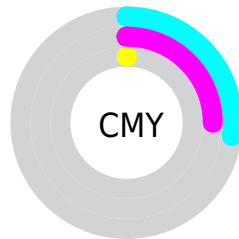
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.698, 289.928 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, 33.698, 289.928 by changing the saturation by 10% instead.


 79, 33.698,
289.928

 79, 33.698,
289.928


 100, 33.698,
289.928


 69, 33.698,
289.928

 99, 33.698,
289.928

 59, 33.698,
289.928

 49, 33.698,
289.928

 39, 33.698,
289.928

 29, 33.698,
289.928

 19, 33.698,
289.928

 9, 33.698, 289.928

0, 33.698, 289.928

79, 33.698,
289.928

79, 33.698,
289.928

71, 47.038,
291.650

87, 20.877,
288.461

64, 60.929,
293.651

94, 8.540, 287.221

56, 75.344,
295.930

100, 0.328,
109.917

49, 90.095,
298.423

43, 104.625,
300.974

38, 117.724,
303.310

■ 34, 127.555,
305.097

■ 33, 129.557,
305.449

Harmonies

Complementary

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



79, 33.698, 289.928



97, 31.951, 103.560

Rectangle

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



79, 33.698, 289.928



79, 33.698, 339.928



79, 33.698, 109.928



79, 33.698, 159.928

Sweetspot

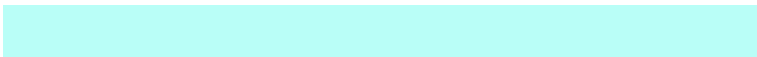
The Sweet Spot groups the original color and five complimentary colors.



79, 33.696, 289.927



94, 9.610, 287.319



95, 22.954, 189.044



49, 6.847, 287.495



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, 33.696, 289.927



75, 41.545, 290.905



80, 38.115, 307.032



49, 6.847, 287.495



24, 103.690, 305.215



4, 41.366, 300.218

Inverse Universe

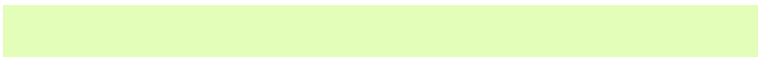
The Inverse Universe completely reimagines the original color for something new.



82, 26.648, 14.901



78, 33.059, 15.731



96, 36.377, 124.116



50, 5.279, 12.931



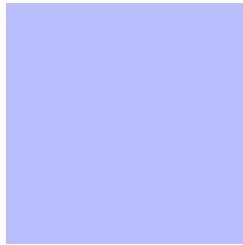
40, 80.588, 36.593



10, 32.693, 23.659

Previews

White Background



This preview shows how the CIELCh color 79, 33.698, 289.928 looks on a white background.

Color Contrast Check

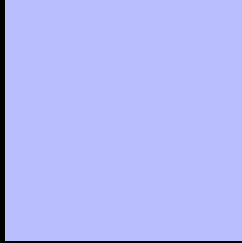
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 33.698, 289.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

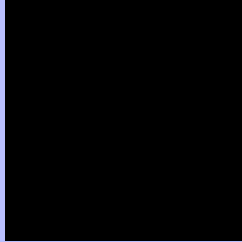
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.698, 289.928

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.698, 289.928.



This preview shows how white text looks on a background with the CIELCh color 79, 33.698, 289.928.

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

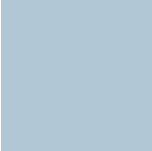
79, 33.698, 289.928

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 33.183, 288.201



Tritanopia
79, 10.870, 246.698

Trichromacy



Original Color
79, 33.698, 289.928

Protanomaly
79, 33.755, 287.294

Deuteranomaly
79, 33.165, 288.735

Tritanomaly
79, 18.272, 274.757

Monochromacy



Original Color
79, 33.698, 289.928

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.293, 288.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.698, 289.928 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(185, 191, 254)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 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(185, 191, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.698, 289.928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

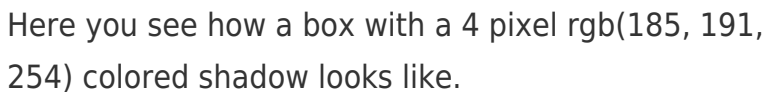
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 191, 254) }
```

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

```
.border{ border-color:rgb(185, 191, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 191, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 191, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 191, 254); box-shadow:4px 4px 4px 4px rgb(185, 191, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.698, 289.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 254) }
```

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

```
.background{ background-color: rgb(185,  
191, 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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