

Converting Colors

CIELCh(79, 32.694, 285.878)

Have a look what the booklet for
CIELCh(79, 32.694, 285.878)
contains.

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Color

CIELCh(79, 32.724, 285.896)

Conversions

Conversions Part 1

Format	Color
Hex	B4C1FE
RGB	180, 193, 254
RGB Percent	71%, 76%, 100%
CMY	0.2946, 0.2436, 0.0044
CMYK	0.29, 0.24, 0.00, 0.00
HSL	229°, 97%, 85%
HSV	229°, 29%, 100%
XYZ	55.7116, 54.9284, 101.3324
YIQ	196.0670, -27.3290, 16.2150

Conversions

Conversions Part 2

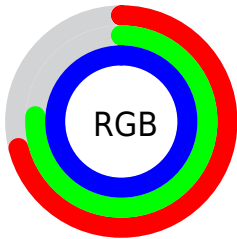
Format	Color
RYB	180, 191, 254
Decimal	11846142
CIELab	79.00, 8.96, -31.47
CIELCh	79, 32.724, 285.896
Yxy	54.9284, 0.2628, 0.2591
Android (android.graphics.Color)	4290036222 (0xFFB4C1FE)
YUV	196.0670, 28.5610, -14.0908
Hunter-Lab	74.1137, 4.4803, -29.1850

Details

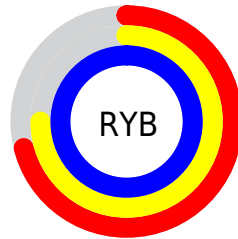
The CIELCh color `79, 32.724, 285.896` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 31.441, 98.460`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 5.089, 236.427`, and `59, 32.462, 285.359` is the 20% darker color. If you saturate the color by 10%, you get `72, 44.705, 287.780`, and if you desaturate by 10%, it is `86, 21.149, 284.287`.

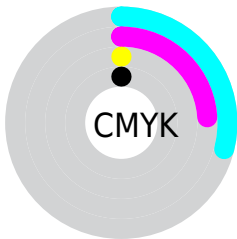
Distribution



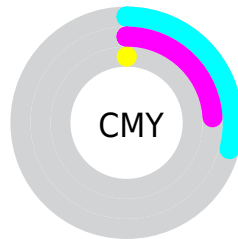
- Red (71%)
- Green (76%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.724, 285.896 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, 32.724, 285.896 by changing the saturation by 10% instead.


 79, 32.724,
285.896

 79, 32.724,
285.896


 100, 32.724,
285.896


 69, 32.724,
285.896


 99, 32.724,
285.896

 59, 32.724,
285.896

 49, 32.724,
285.896

 39, 32.724,
285.896

 29, 32.724,
285.896

 19, 32.724,
285.896

 9, 32.724, 285.896

0, 32.724, 285.896

79, 32.724,
285.896

79, 32.724,
285.896

72, 44.705,
287.780

86, 21.149,
284.287

65, 57.133,
289.971

93, 9.950, 282.921

58, 70.021,
292.476

100, 0.555,
109.997

52, 83.305,
295.251

46, 96.709,
298.174

40, 109.544,
301.017

■ 36,120.606,
303.462

■ 36,121.431,
303.635

Harmonies

Complementary

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



79, 32.724, 285.896



95, 31.441, 98.460

Rectangle

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



79, 32.724, 285.896



79, 32.724, 335.896



79, 32.724, 105.896



79, 32.724, 155.896

Sweetspot

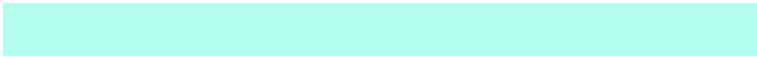
The Sweet Spot groups the original color and five complimentary colors.



79, 32.722, 285.895



94, 9.826, 282.903



95, 25.502, 181.855



49, 6.842, 283.087



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, 32.722, 285.895



75, 39.829, 286.965



78, 40.611, 304.359



49, 6.211, 282.966



26, 96.839, 303.244



6, 38.514, 298.278

Inverse Universe

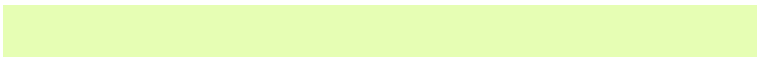
The Inverse Universe completely reimagines the original color for something new.



80, 28.968, 8.349



77, 35.363, 9.255



96, 38.336, 120.760



50, 5.386, 5.937



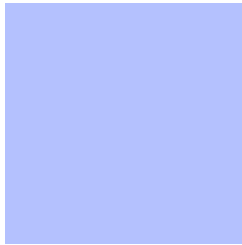
40, 76.161, 31.355



10, 32.128, 19.898

Previews

White Background



This preview shows how the CIELCh color 79, 32.724, 285.896 looks on a white background.

Color Contrast Check

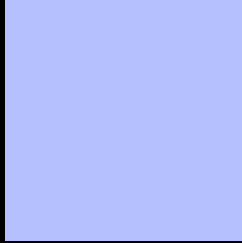
Large Text (above 18pt) WCAG AA × Fail

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, 32.724, 285.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

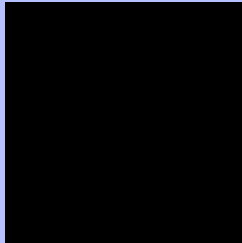
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.724, 285.896

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.724, 285.896.



This preview shows how white text looks on a background with the CIELCh color 79, 32.724, 285.896.

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

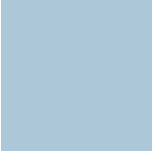
79, 32.724, 285.896

Protanopia

79, 32.755, 285.365

Deuteranopia

79, 33.183, 288.201



Tritanopia
79, 12.602, 241.785

Trichromacy



Original Color
79, 32.724, 285.896

Protanomaly
79, 32.755, 285.365

Deuteranomaly
79, 33.204, 287.670

Tritanomaly
79, 18.853, 269.052

Monochromacy



Original Color
79, 32.724, 285.896

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.848, 282.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.724, 285.896 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(180, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 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(180, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.724, 285.896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

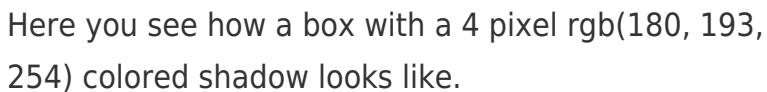
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 193, 254) }
```

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

```
.border{ border-color:rgb(180, 193, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 193, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 193, 254); box-shadow:4px 4px 4px 4px rgb(180, 193, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.724, 285.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 254) }
```

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

```
.background{ background-color: rgb(180,  
193, 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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