

Converting Colors

CIELCh(79, 31.575, 287.264)

Have a look what the booklet for
CIELCh(79, 31.575, 287.264)
contains.

CIELCh(79, 31.597, 287.783)	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, 31.597, 287.783)

Conversions

Conversions Part 1

Format	Color
Hex	B7C0FB
RGB	183, 192, 251
RGB Percent	72%, 75%, 98%
CMY	0.2811, 0.2458, 0.0144
CMYK	0.27, 0.23, 0.00, 0.01
HSL	232°, 90%, 85%
HSV	232°, 27%, 99%
XYZ	55.9865, 54.9284, 99.1909
YIQ	196.0350, -24.3030, 16.4410

Conversions

Conversions Part 2

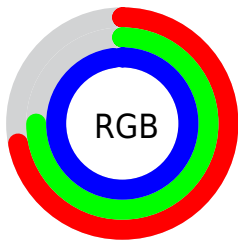
Format	Color
R_{YB}	183, 191, 251
Decimal	12042491
CIE _{Lab}	79.00, 9.65, -30.09
CIE _{LCh}	79, 31.597, 287.783
Yxy	54.9284, 0.2665, 0.2614
Android (android.graphics.Color)	4290232571 (0xFFB7C0FB)
YUV	196.0350, 27.0977, -11.4317
Hunter-Lab	74.1137, 5.1425, -27.4719

Details

The CIELCh color `79, 31.597, 287.783` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 30.201, 101.197`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 4.479, 252.551`, and `59, 31.240, 287.725` is the 20% darker color. If you saturate the color by 10%, you get `72, 44.076, 289.552`, and if you desaturate by 10%, it is `86, 19.572, 286.274`.

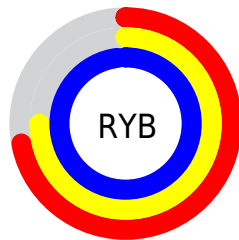
Distribution



Red (72%)

Green (75%)

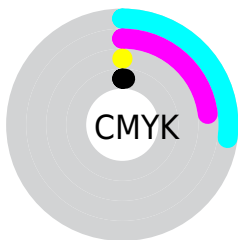
Blue (98%)



Red (72%)

Yellow (75%)

Blue (98%)

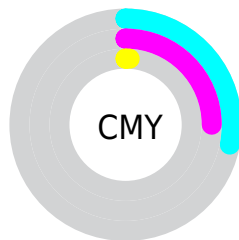


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (28%)


Magenta (25%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.597, 287.783 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, 31.597, 287.783 by changing the saturation by 10% instead.


 79, 31.597,
287.783


 79, 31.597,
287.783


 100, 31.597,
287.783


 69, 31.597,
287.783


 99, 31.597,
287.783

 59, 31.597,
287.783

 49, 31.597,
287.783

 39, 31.597,
287.783

 29, 31.597,
287.783

 19, 31.597,
287.783

 9, 31.597, 287.783

0, 31.597, 287.783

79, 31.597,
287.783

79, 31.597,
287.783

72, 44.076,
289.552

86, 19.572,
286.274

64, 57.050,
291.613

94, 7.969, 284.997

57, 70.520,
293.970

100, 1.850,
109.998

51, 84.390,
296.582

44, 98.306,
299.319

39, 111.424,
301.950

■ 35,122.288,
304.156

■ 34,124.840,
304.656

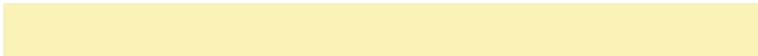
Harmonies

Complementary

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



79, 31.597, 287.783



95, 30.201, 101.197

Rectangle

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



79, 31.597, 287.783



79, 31.597, 337.783



79, 31.597, 107.783



79, 31.597, 157.783

Sweetspot

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



79, 31.595, 287.782



94, 9.149, 285.108



94, 23.012, 186.191



49, 6.517, 285.289



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, 31.595, 287.782



76, 38.148, 288.626



79, 37.482, 305.897



48, 6.410, 285.287



25, 99.519, 304.332



5, 38.107, 298.436

Inverse Universe

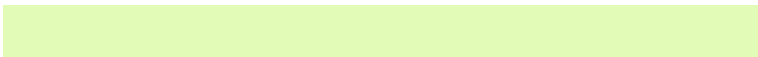
The Inverse Universe completely reimagines the original color for something new.



81, 26.382, 11.378



79, 31.986, 12.095



96, 35.682, 122.843



49, 5.235, 9.319



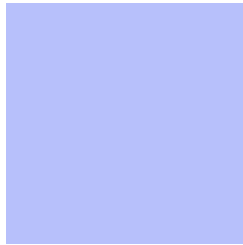
39, 77.562, 34.125



9, 31.334, 20.741

Previews

White Background



This preview shows how the CIELCh color 79, 31.597, 287.783 looks on a white background.

Color Contrast Check

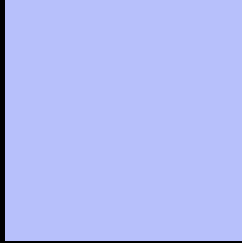
Large Text (above 18pt) WCAG AA × Fail

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, 31.597, 287.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

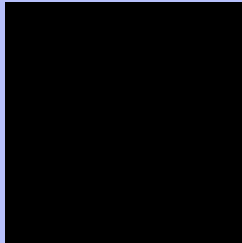
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.597, 287.783

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.597, 287.783.



This preview shows how white text looks on a background with the CIELCh color 79, 31.597, 287.783.

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, 31.597, 287.783

Protanopia

79, 31.673, 285.532

Deuteranopia

79, 31.561, 288.916



Tritanopia
79, 11.464, 247.426

Trichromacy



Original Color
79, 31.597, 287.783

Protanomaly
79, 31.643, 286.086

Deuteranomaly
79, 31.577, 288.348

Tritanomaly
79, 17.443, 271.477

Monochromacy



Original Color
79, 31.597, 287.783

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.280, 284.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.597, 287.783 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(183, 192, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 192, 251)  
}
```

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(183, 192, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 192, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.597, 287.783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

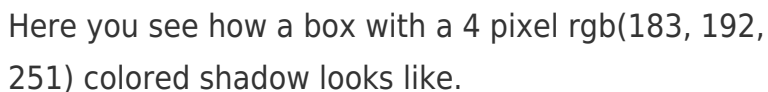
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 192, 251) }
```

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

```
.border{ border-color:rgb(183, 192, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 192, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 192, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 192, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 192,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.597, 287.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 192, 251) }
```

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

```
.background{ background-color: rgb(183,  
192, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor