

Converting Colors

CIELCh(79, 29.638, 291.269)

Have a look what the booklet for
CIELCh(79, 29.638, 291.269)
contains.

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Color

CIELCh(79, 29.952, 291.593)

Conversions

Conversions Part 1

Format	Color
Hex	BDBFF7
RGB	189, 191, 247
RGB Percent	74%, 75%, 97%
CMY	0.2580, 0.2501, 0.0305
CMYK	0.23, 0.23, 0.00, 0.03
HSL	238°, 79%, 86%
HSV	238°, 23%, 97%
XYZ	56.5384, 54.9284, 95.7965
YIQ	196.7860, -19.1680, 16.9920

Conversions

Conversions Part 2

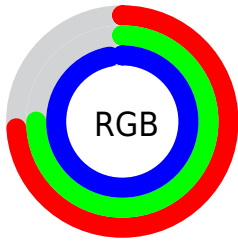
Format	Color
RYB	189, 191, 247
Decimal	12435447
CIELab	79.00, 11.02, -27.85
CIELCh	79, 29.952, 291.593
Yxy	54.9284, 0.2728, 0.2650
Android (android.graphics.Color)	4290625527 (0xFFBDBFF7)
YUV	196.7860, 24.7555, -6.8283
Hunter-Lab	74.1137, 6.4715, -24.7564

Details

The CIELCh color `79, 29.952, 291.593` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 28.442, 106.414`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 4.105, 285.672`, and `59, 29.489, 291.530` is the 20% darker color. If you saturate the color by 10%, you get `71, 43.614, 293.162`, and if you desaturate by 10%, it is `87, 16.845, 290.260`.

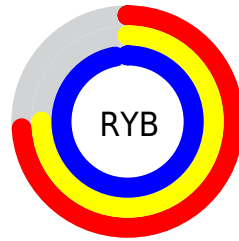
Distribution



Red (74%)

Green (75%)

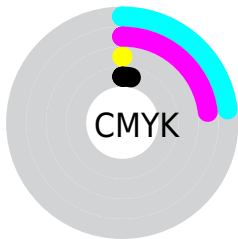
Blue (97%)



Red (74%)

Yellow (75%)

Blue (97%)

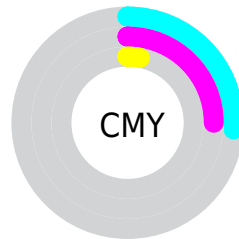


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (26%)


Magenta (25%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 29.952, 291.593 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, 29.952, 291.593 by changing the saturation by 10% instead.


 79, 29.952,
291.593

 79, 29.952,
291.593


 100, 29.952,
291.593


 69, 29.952,
291.593


 99, 29.952,
291.593

 59, 29.952,
291.593

 49, 29.952,
291.593

 39, 29.952,
291.593

 29, 29.952,
291.593

 19, 29.952,
291.593

 9, 29.952, 291.593

0, 29.952, 291.593

79, 29.952,
291.593

79, 29.952,
291.593

71, 43.614,
293.162

87, 16.845,
290.260

63, 57.861,
294.992

95, 4.257, 289.144

56, 72.660,
297.083

100, 3.933,
109.865

49, 87.806,
299.380

42, 102.697,
301.731

37, 116.016,
303.862

■ 33, 125.735,
305.428

■ 32, 129.347,
305.999

Harmonies

Complementary

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



79, 29.952, 291.593



96, 28.442, 106.414

Rectangle

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



79, 29.952, 291.593



79, 29.952, 341.593



79, 29.952, 111.593



79, 29.952, 161.593

Sweetspot

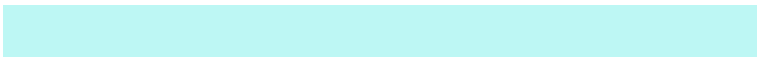
The Sweet Spot groups the original color and five complimentary colors.



79, 29.950, 291.592



94, 8.873, 289.513



93, 19.290, 193.721



50, 5.772, 289.580



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, 29.950, 291.592



78, 36.999, 292.280



81, 32.269, 308.502



47, 7.001, 289.789



23, 104.068, 305.877



3, 38.947, 299.206

Inverse Universe

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



82, 22.268, 18.520



81, 27.700, 19.066



94, 31.121, 126.174



48, 5.080, 17.152



39, 81.035, 38.629



8, 30.806, 23.631

Previews

White Background



This preview shows how the CIELCh color 79, 29.952, 291.593 looks on a white background.

Color Contrast Check

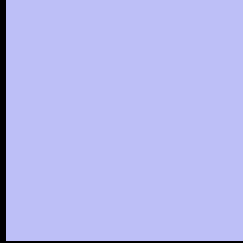
Large Text (above 18pt) WCAG AA × Fail

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, 29.952, 291.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

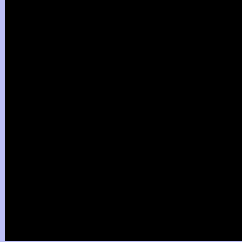
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.952, 291.593

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.952, 291.593.

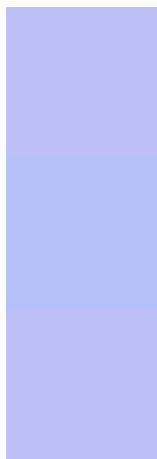


This preview shows how white text looks on a background with the CIELCh color 79, 29.952, 291.593.

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

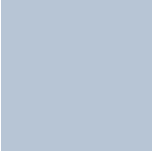
79, 29.952, 291.593

Protanopia

79, 30.064, 285.535

Deuteranopia

79, 29.402, 290.261



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 29.952, 291.593

Protanomaly
79, 29.989, 287.933

Deuteranomaly
79, 29.402, 290.261

Tritanomaly
79, 16.304, 279.607

Monochromacy



Original Color
79, 29.952, 291.593

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.684, 289.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.952, 291.593 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(189, 191, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 247)  
}
```

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(189, 191, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.952, 291.593 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(189, 191, 247) }
```

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

```
.border{ border-color:rgb(189, 191, 247) }
```

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

Here you see how a box with a 4 pixel rgb(189, 191, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 191, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 191, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 191,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.952, 291.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 191, 247) }
```

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

```
.background{ background-color: rgb(189,  
191, 247) }
```

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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