

Converting Colors

CIELCh(61, 80.158, 315.409)

Have a look what the booklet for
CIELCh(61, 80.158, 315.409)
contains.

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Color

CIELCh(61, 80.283, 315.296)

Conversions

Conversions Part 1

Format	Color
Hex	C26DF8
RGB	194, 109, 248
RGB Percent	76%, 43%, 97%
CMY	0.2386, 0.5719, 0.0268
CMYK	0.22, 0.56, 0.00, 0.03
HSL	277°, 91%, 70%
HSV	277°, 56%, 97%
XYZ	44.7441, 29.2481, 92.2279
YIQ	150.2610, 6.0410, 61.2490

Conversions

Conversions Part 2

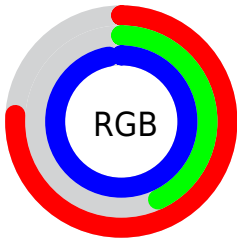
Format	Color
RYB	194, 109, 248
Decimal	12742136
CIELab	61.00, 57.06, -56.47
CIELCh	61, 80.283, 315.296
Yxy	29.2481, 0.2692, 0.1760
Android (android.graphics.Color)	4290932216 (0xFFC26DF8)
YUV	150.2610, 48.1853, 38.3591
Hunter-Lab	54.0815, 53.0383, -63.2531

Details

The CIELCh color $61, 80.283, 315.296$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $90, 75.690, 130.246$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.436, 325.739$, and $41, 80.610, 315.361$ is the 20% darker color. If you saturate the color by 10%, you get $56, 93.295, 315.557$, and if you desaturate by 10%, it is $67, 66.217, 314.916$.

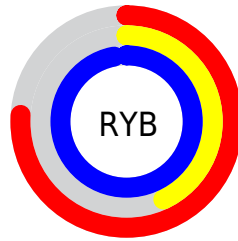
Distribution



Red (76%)

Green (43%)

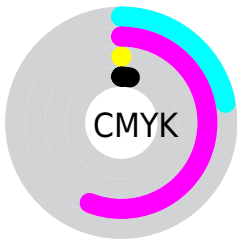
Blue (97%)



Red (76%)

Yellow (43%)

Blue (97%)

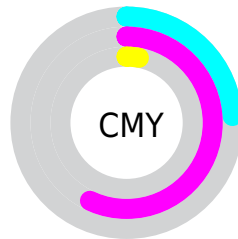


Cyan (22%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (24%)


Magenta (57%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 80.283, 315.296 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 61, 80.283, 315.296 by changing the saturation by 10% instead.


 61, 80.283,
315.296


 61, 80.283,
315.296


 100, 80.283,
315.296


 51, 80.283,
315.296


 81, 80.283,
315.296

 41, 80.283,
315.296

 91, 80.283,
315.296

 31, 80.283,
315.296

 21, 80.283,
315.296

 11, 80.283,
315.296

 1, 80.283, 315.296

 0, 80.283, 315.296

61, 80.283,
315.296

61, 80.283,
315.296

56, 93.295,
315.557

67, 66.217,
314.916

51, 104.482,
315.623

73, 51.678,
314.474

47, 112.978,
315.405

80, 37.049,
314.010

44, 118.140,
314.826

87, 22.570,
313.548

43, 119.547,
314.531

94, 8.377, 313.097

100, 3.626,
126.784

100, 3.455,
109.898

Harmonies

Complementary

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



61, 80.283, 315.296



90, 75.690, 130.246

Rectangle

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



61, 80.283, 315.296



61, 80.283, 5.296



61, 80.283, 135.296



61, 80.283, 185.296

Sweetspot

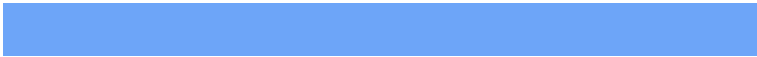
The Sweet Spot groups the original color and five complimentary colors.



61, 80.281, 315.296



88, 24.519, 313.594



67, 47.435, 276.751



45, 16.437, 313.686



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 80.281, 315.296



56, 96.575, 315.575



67, 78.331, 330.535



48, 7.994, 313.254



33, 97.181, 314.713



7, 43.195, 315.949

Inverse Universe

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



65, 58.404, 357.637



62, 69.414, 0.335



88, 79.230, 142.204



49, 5.849, 350.956



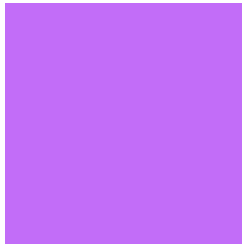
40, 67.795, 12.877



10, 30.467, 5.384

Previews

White Background



This preview shows how the CIELCh color 61, 80.283, 315.296 looks on a white background.

Color Contrast Check

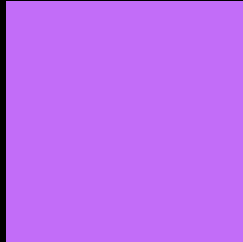
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 80.283, 315.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

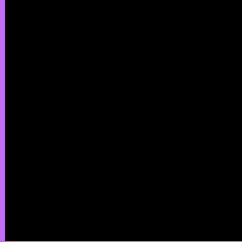
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 80.283, 315.296

Background



This preview shows how black text looks on a background with the CIELCh color 61, 80.283, 315.296.

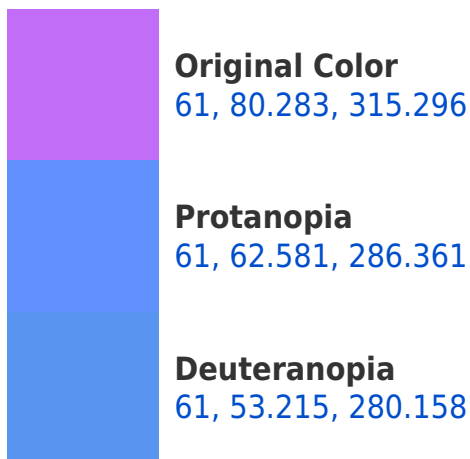


This preview shows how white text looks on a background with the CIELCh color 61, 80.283, 315.296.

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
61, 17.610, 2.841

Trichromacy



Original Color
61, 80.283, 315.296



Protanomaly
60, 68.634, 297.426



Deuteranomaly
60, 61.932, 295.144



Tritanomaly
60, 38.145, 326.607

Monochromacy



Original Color
61, 80.283, 315.296



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 30.898, 313.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 80.283, 315.296 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(194, 109, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 248)  
}
```

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(194, 109, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 80.283, 315.296 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(194, 109, 248) }
```

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

```
.border{ border-color:rgb(194, 109, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 80.283, 315.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 248) }
```

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

```
.background{ background-color: rgb(194,  
109, 248) }
```

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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