

Converting Colors

CIELCh(62, 80.172, 314.418)

Have a look what the booklet for
CIELCh(62, 80.172, 314.418)
contains.

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Color

CIELCh(62, 79.939, 314.388)

Conversions

Conversions Part 1

Format	Color
Hex	C271FC
RGB	194, 113, 252
RGB Percent	76%, 44%, 99%
CMY	0.2383, 0.5560, 0.0108
CMYK	0.23, 0.55, 0.00, 0.01
HSL	275°, 96%, 72%
HSV	275°, 55%, 99%
XYZ	45.8462, 30.4025, 95.7449
YIQ	153.0650, 3.6570, 60.4010

Conversions

Conversions Part 2

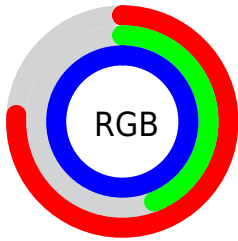
Format	Color
RYB	194, 113, 252
Decimal	12743164
CIELab	62.00, 55.92, -57.13
CIELCh	62, 79.939, 314.388
Yxy	30.4025, 0.2666, 0.1768
Android (android.graphics.Color)	4290933244 (0xFFC271FC)
YUV	153.0650, 48.7750, 35.9000
Hunter-Lab	55.1385, 51.9256, -64.3568

Details

The CIELCh color **62, 79.939, 314.388** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **92, 74.942, 129.363**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 54.617, 325.659**, and **42, 80.114, 314.393** is the 20% darker color. If you saturate the color by 10%, you get **56, 93.387, 314.692**, and if you desaturate by 10%, it is **68, 65.552, 313.974**.

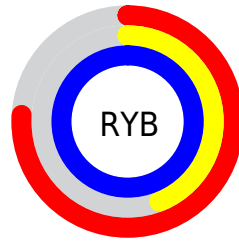
Distribution



Red (76%)

Green (44%)

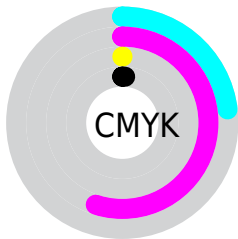
Blue (99%)



Red (76%)

Yellow (44%)

Blue (99%)

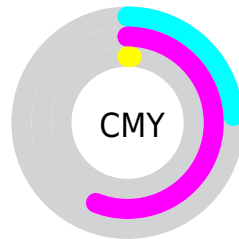


Cyan (23%)

Magenta (55%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (56%)

Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 79.939, 314.388 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 62, 79.939, 314.388 by changing the saturation by 10% instead.

 62, 79.939,
314.388

 62, 79.939,
314.388


 100, 79.939,
314.388

 52, 79.939,
314.388


 82, 79.939,
314.388

 42, 79.939,
314.388

 92, 79.939,
314.388

 32, 79.939,
314.388

 22, 79.939,
314.388

 12, 79.939,
314.388

 2, 79.939, 314.388

 0, 79.939, 314.388

62, 79.939,
314.388

62, 79.939,
314.388

56, 93.387,
314.692

68, 65.552,
313.974

51, 105.124,
314.807

75, 50.788,
313.508

47, 114.235,
314.639

82, 36.006,
313.027

44, 119.972,
314.098

88, 21.423,
312.556

43, 121.788,
313.731

95, 7.159, 312.097

100, 1.389,
110.018

Harmonies

Complementary

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



62, 79.939, 314.388



92, 74.942, 129.363

Rectangle

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



62, 79.939, 314.388



62, 79.939, 4.388



62, 79.939, 134.388



62, 79.939, 184.388

Sweetspot

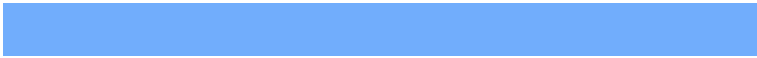
The Sweet Spot groups the original color and five complimentary colors.



62, 79.937, 314.388



88, 24.366, 312.644



70, 45.086, 273.464



45, 16.337, 312.738



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 79.937, 314.388



56, 95.340, 314.712



69, 80.068, 329.358



48, 7.941, 312.298



32, 97.769, 313.927



6, 43.238, 315.101

Inverse Universe

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



66, 58.910, 355.433



62, 69.139, 357.906



89, 80.903, 141.407



49, 5.952, 349.176



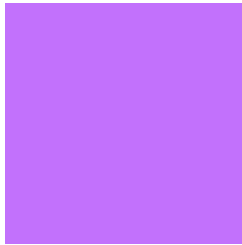
40, 67.465, 10.080



10, 30.532, 2.964

Previews

White Background



This preview shows how the CIELCh color 62, 79.939, 314.388 looks on a white background.

Color Contrast Check

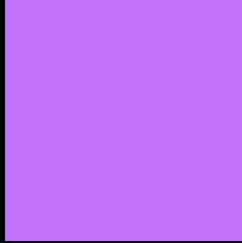
Large Text (above 18pt) WCAG AA × Fail

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 62, 79.939, 314.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

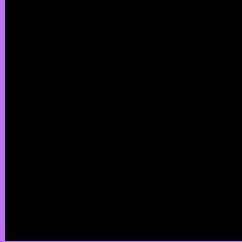
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 79.939, 314.388

Background



This preview shows how black text looks on a background with the CIELCh color 62, 79.939, 314.388.




This preview shows how white text looks on a background with the CIELCh color 62, 79.939, 314.388.

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
62, 15.625, 0.168

Trichromacy



Original Color
62, 79.939, 314.388



Protanomaly
61, 66.707, 297.161



Deuteranomaly
61, 62.282, 294.631



Tritanomaly
61, 37.144, 324.047

Monochromacy



Original Color
62, 79.939, 314.388



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 30.015, 312.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 79.939, 314.388 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, 113, 252)` looks like.

```
.text, #text, p{  
    color:rgb(194, 113, 252)  
}
```

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, 113, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 113, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 79.939, 314.388 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, 113, 252) }
```

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

```
.border{ border-color:rgb(194, 113, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 113, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 113, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 113, 252);  
box-shadow:4px 4px 4px 4px rgb(194, 113,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 79.939, 314.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 113, 252) }
```

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

```
.background{ background-color: rgb(194,  
113, 252) }
```

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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