

Converting Colors

CIELCh(62, 76.391, 309.766)

Have a look what the booklet for
CIELCh(62, 76.391, 309.766)
contains.

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Color

CIELCh(62, 76.266, 309.749)

Conversions

Conversions Part 1

Format	Color
Hex	B379FF
RGB	179, 121, 255
RGB Percent	70%, 47%, 100%
CMY	0.2988, 0.5261, 0.0007
CMYK	0.30, 0.53, 0.00, 0.00
HSL	266°, 100%, 74%
HSV	266°, 53%, 100%
XYZ	43.3831, 30.4025, 98.0285
YIQ	153.6180, -8.4460, 53.9700

Conversions

Conversions Part 2

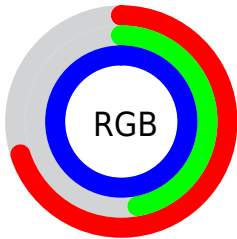
Format	Color
R_{YB}	179, 121, 255
Decimal	11762175
CIE _{Lab}	62.00, 48.77, -58.64
CIE _{LCh}	62, 76.266, 309.749
Yxy	30.4025, 0.2525, 0.1770
Android (android.graphics.Color)	4289952255 (0xFFB379FF)
YUV	153.6180, 49.9813, 22.2600
Hunter-Lab	55.1385, 43.9518, -66.8124

Details

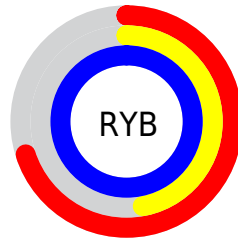
The CIELCh color $62, 76.266, 309.749$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $94, 69.460, 124.175$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 47.535, 319.827$, and $42, 75.888, 309.744$ is the 20% darker color. If you saturate the color by 10%, you get $55, 90.788, 310.330$, and if you desaturate by 10%, it is $69, 61.317, 309.112$.

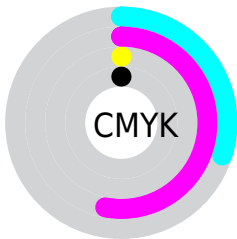
Distribution



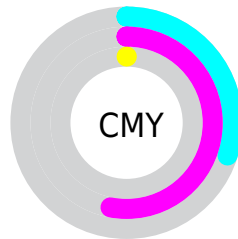
- Red (70%)
- Green (47%)
- Blue (100%)



- Red (70%)
- Yellow (47%)
- Blue (100%)



- Cyan (30%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (53%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 76.266, 309.749 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, 76.266, 309.749 by changing the saturation by 10% instead.


 62, 76.266,
309.749


 62, 76.266,
309.749


 100, 76.266,
309.749


 52, 76.266,
309.749


 82, 76.266,
309.749

 42, 76.266,
309.749

 92, 76.266,
309.749

 32, 76.266,
309.749

 22, 76.266,
309.749

 12, 76.266,
309.749

 2, 76.266, 309.749

 0, 76.266, 309.749

62, 76.266,
309.749

62, 76.266,
309.749

55, 90.788,
310.330

69, 61.317,
309.112

50, 104.165,
310.767

76, 46.382,
308.474

45, 115.359,
310.936

83, 31.700,
307.866

41, 123.215,
310.698

91, 17.394,
307.305

39, 126.805,
310.263

98, 3.518, 306.775

100, 0.085,
109.261

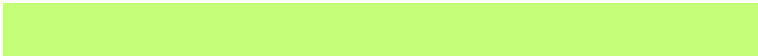
Harmonies

Complementary

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



62, 76.266, 309.749



94, 69.460, 124.175

Rectangle

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



62, 76.266, 309.749



62, 76.266, 359.749



62, 76.266, 129.749



62, 76.266, 179.749

Sweetspot

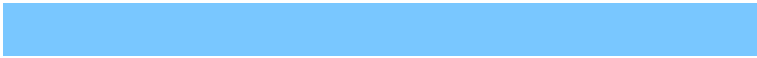
The Sweet Spot groups the original color and five complimentary colors.



62, 76.265, 309.749



88, 22.254, 307.492



77, 35.925, 255.633



45, 15.072, 307.607



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, 76.265, 309.749



55, 91.435, 310.353



69, 80.012, 324.629



49, 7.829, 307.142



28, 101.983, 310.452



5, 44.917, 311.055

Inverse Universe

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



69, 61.233, 345.463



64, 71.133, 347.049



91, 79.823, 138.357



50, 6.682, 340.910



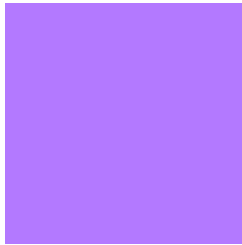
42, 69.443, 355.872



11, 32.659, 351.336

Previews

White Background



This preview shows how the CIELCh color 62, 76.266, 309.749 looks on a white background.

Color Contrast Check

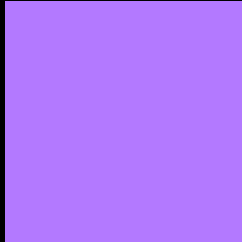
Large Text (above 18pt) WCAG AA × Fail

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, 76.266, 309.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

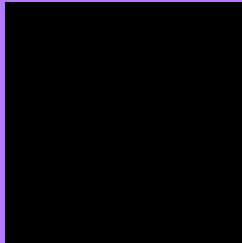
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 76.266, 309.749

Background



This preview shows how black text looks on a background with the CIELCh color 62, 76.266, 309.749.

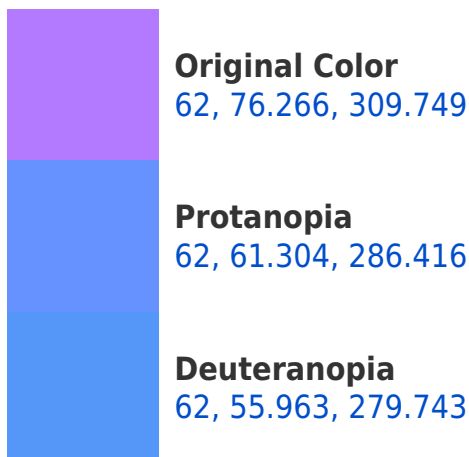



This preview shows how white text looks on a background with the CIELCh color 62, 76.266, 309.749.

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, 8.896, 331.069

Trichromacy



Original Color
62, 76.266, 309.749



Protanomaly
62, 66.076, 295.314



Deuteranomaly
61, 62.253, 291.616



Tritanomaly
61, 33.972, 311.942

Monochromacy



Original Color
62, 76.266, 309.749



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 28.626, 307.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 76.266, 309.749 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(179, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 121, 255)  
}
```

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(179, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 76.266, 309.749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

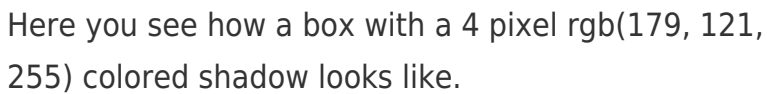
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 121, 255) }
```

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

```
.border{ border-color:rgb(179, 121, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 121, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 121, 255); box-shadow:4px 4px 4px 4px rgb(179, 121, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 76.266, 309.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 121, 255) }
```

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

```
.background{ background-color: rgb(179,  
121, 255) }
```

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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