

Converting Colors

CIELCh(64, 109.208, 306.110)

Have a look what the booklet for
CIELCh(64, 109.208, 306.110)
contains.

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Color

CIELCh(60, 79.037, 308.372)

Conversions

Conversions Part 1

Format	Color
Hex	A974FF
RGB	169, 116, 255
RGB Percent	66%, 45%, 100%
CMY	0.3375, 0.5453, 0.0002
CMYK	0.34, 0.55, 0.00, 0.00
HSL	263°, 100%, 73%
HSV	263°, 55%, 100%
XYZ	40.6294, 28.1233, 97.8446
YIQ	147.6930, -13.0310, 54.4650

Conversions

Conversions Part 2

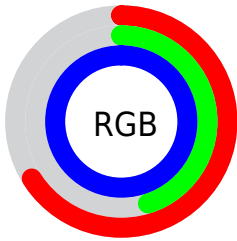
Format	Color
R _Y B	169, 116, 255
Decimal	11105535
CIE Lab	60.00, 49.06, -61.96
CIE LCh	60, 79.037, 308.372
Yxy	28.1233, 0.2439, 0.1688
Android (android.graphics.Color)	4289295615 (0xFFA974FF)
YUV	147.6930, 52.9024, 18.6862
Hunter-Lab	53.0314, 43.9508, -72.2698

Details

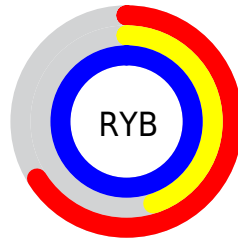
The CIELCh color $60, 79.037, 308.372$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $94, 70.900, 122.110$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 49.448, 316.617$, and $40, 78.914, 308.505$ is the 20% darker color. If you saturate the color by 10%, you get $53, 93.653, 309.057$, and if you desaturate by 10%, it is $67, 63.997, 307.636$.

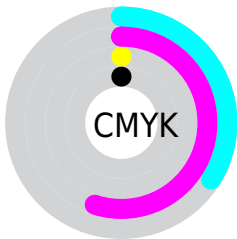
Distribution



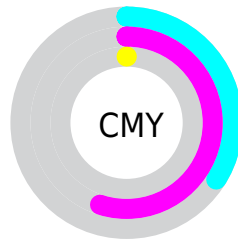
- Red (66%)
- Green (45%)
- Blue (100%)



- Red (66%)
- Yellow (45%)
- Blue (100%)



- Cyan (34%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (55%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 79.037, 308.372 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 60, 79.037, 308.372 by changing the saturation by 10% instead.


 60, 79.037,
308.372


 60, 79.037,
308.372


 100, 79.037,
308.372


 50, 79.037,
308.372


 80, 79.037,
308.372

 40, 79.037,
308.372

 90, 79.037,
308.372

 30, 79.037,
308.372

 20, 79.037,
308.372

 10, 79.037,
308.372

 0, 79.037, 308.372

 60, 79.037,

 60, 79.037,

308.372

308.372

■ 53, 93.653,
309.057

■ 67, 63.997,
307.636

■ 47, 107.061,
309.589

■ 74, 48.998,
306.909

■ 42, 118.112,
309.826

■ 82, 34.285,
306.225

■ 39, 125.556,
309.613

■ 89, 19.977,
305.601

■ 37, 128.202,
309.337

■ 97, 6.121, 305.034

100, 0.018,
105.939

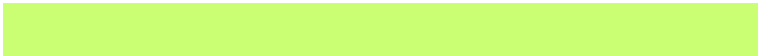
Harmonies

Complementary

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



60, 79.037, 308.372



94, 70.900, 122.110

Rectangle

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



60, 79.037, 308.372



60, 79.037, 358.372



60, 79.037, 128.372



60, 79.037, 178.372

Sweetspot

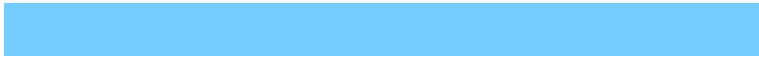
The Sweet Spot groups the original color and five complimentary colors.



60, 79.036, 308.372



88, 22.072, 305.690



79, 35.359, 249.258



45, 14.952, 305.815



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 79.036, 308.372



53, 94.351, 309.087



68, 82.059, 323.150



49, 7.760, 305.311



27, 103.059, 309.516



5, 44.877, 309.708

Inverse Universe

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



68, 65.147, 342.840



64, 74.889, 344.276



91, 81.341, 137.108



50, 6.928, 338.445



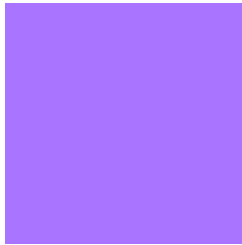
42, 70.972, 351.381



11, 33.459, 347.644

Previews

White Background



This preview shows how the CIELCh color 60, 79.037, 308.372 looks on a white background.

Color Contrast Check

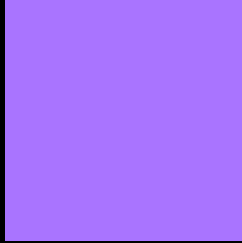
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 79.037, 308.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

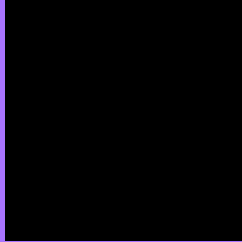
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 79.037, 308.372

Background



This preview shows how black text looks on a background with the CIELCh color 60, 79.037, 308.372.




This preview shows how white text looks on a background with the CIELCh color 60, 79.037, 308.372.

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
60, 6.660, 310.923

Trichromacy



Original Color
60, 79.037, 308.372



Protanomaly
60, 69.239, 294.673



Deuteranomaly
59, 65.540, 290.328



Tritanomaly
59, 33.385, 307.302

Monochromacy



Original Color
60, 79.037, 308.372



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 29.796, 306.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 79.037, 308.372 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(169, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 116, 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(169, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 116, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 79.037, 308.372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

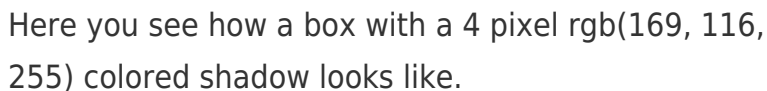
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 116, 255) }
```

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

```
.border{ border-color:rgb(169, 116, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 116,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 79.037, 308.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 116, 255) }
```

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

```
.background{ background-color: rgb(169,  
116, 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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