

Converting Colors

CIELCh(60, 76.485, 305.201)

Have a look what the booklet for
CIELCh(60, 76.485, 305.201)
contains.

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Color

CIELCh(60, 75.887, 305.218)

Conversions

Conversions Part 1

Format	Color
Hex	9E79FF
RGB	158, 121, 255
RGB Percent	62%, 47%, 100%
CMY	0.3808, 0.5258, 0.0004
CMYK	0.38, 0.53, 0.00, 0.00
HSL	257°, 100%, 74%
HSV	257°, 53%, 100%
XYZ	38.9383, 28.1233, 97.8935
YIQ	147.3390, -20.9620, 49.5180

Conversions

Conversions Part 2

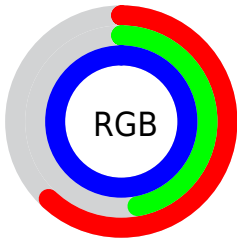
Format	Color
R _Y B	158, 121, 255
Decimal	10385919
CIE Lab	60.00, 43.76, -62.00
CIE LCh	60, 75.887, 305.218
Yxy	28.1233, 0.2361, 0.1705
Android (android.graphics.Color)	4288575999 (0xFF9E79FF)
YUV	147.3390, 53.0769, 9.3497
Hunter-Lab	53.0314, 38.2584, -72.3245

Details

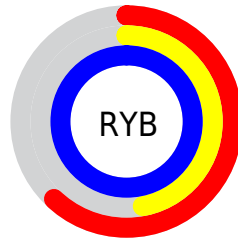
The CIELCh color **60, 75.887, 305.218** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **95, 67.073, 117.836**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 45.842, 311.655**, and **40, 75.642, 305.167** is the 20% darker color. If you saturate the color by 10%, you get **53, 91.058, 306.226**, and if you desaturate by 10%, it is **67, 60.619, 304.221**.

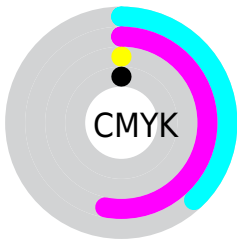
Distribution



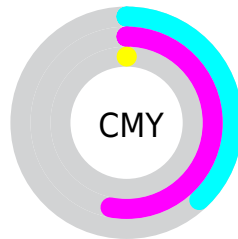
- Red (62%)
- Green (47%)
- Blue (100%)



- Red (62%)
- Yellow (47%)
- Blue (100%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (38%)
- Magenta (53%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 75.887, 305.218 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, 75.887, 305.218 by changing the saturation by 10% instead.


 60, 75.887,
305.218


 60, 75.887,
305.218


 100, 75.887,
305.218


 50, 75.887,
305.218


 80, 75.887,
305.218

 40, 75.887,
305.218

 90, 75.887,
305.218

 30, 75.887,
305.218

 20, 75.887,
305.218

 10, 75.887,
305.218

 0, 75.887, 305.218

 60, 75.887,

 60, 75.887,

305.218

■ 53, 91.058,
306.226

■ 47, 105.427,
307.142

■ 41, 117.803,
307.804

■ 37, 126.645,
308.012

■ 35, 130.628,
307.864

305.218

■ 67, 60.619,
304.221

■ 75, 45.620,
303.290

■ 83, 31.054,
302.448

■ 90, 16.981,
301.701

■ 98, 3.412, 301.038

■ 100, 0.042,
108.352

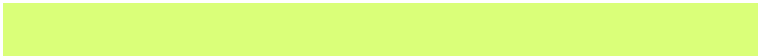
Harmonies

Complementary

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



60, 75.887, 305.218



95, 67.073, 117.836

Rectangle

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



60, 75.887, 305.218



60, 75.887, 355.218



60, 75.887, 125.218



60, 75.887, 175.218

Sweetspot

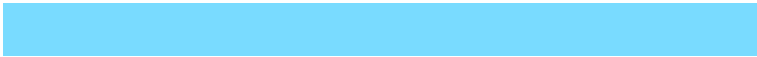
The Sweet Spot groups the original color and five complimentary colors.



60, 75.886, 305.218



88, 21.765, 301.947



83, 32.631, 233.618



45, 14.750, 302.100



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, 75.886, 305.218



53, 91.738, 306.269



67, 78.401, 319.988



49, 7.644, 301.491



25, 105.038, 308.008



4, 44.709, 307.157

Inverse Universe

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



69, 67.452, 337.372



65, 78.083, 338.389



91, 76.437, 134.836



50, 7.467, 333.945



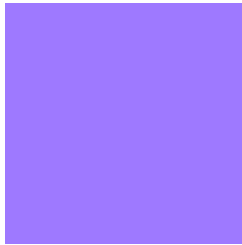
43, 75.488, 343.203



11, 35.532, 340.922

Previews

White Background



This preview shows how the CIELCh color 60, 75.887, 305.218 looks on a white background.

Color Contrast Check

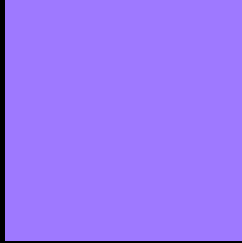
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 75.887, 305.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

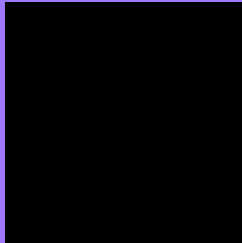
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 75.887, 305.218

Background



This preview shows how black text looks on a background with the CIELCh color 60, 75.887, 305.218.

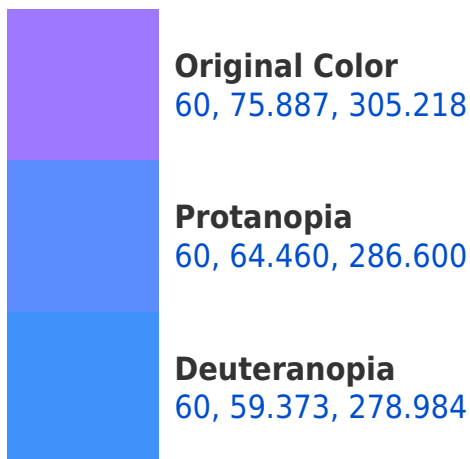


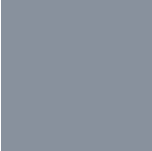
This preview shows how white text looks on a background with the CIELCh color 60, 75.887, 305.218.

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, 7.482, 264.574

Trichromacy



Original Color
60, 75.887, 305.218



Protanomaly
60, 68.086, 293.292



Deuteranomaly
59, 64.492, 288.527



Tritanomaly
59, 32.501, 298.418

Monochromacy



Original Color
60, 75.887, 305.218



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 27.619, 302.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 75.887, 305.218 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(158, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 75.887, 305.218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

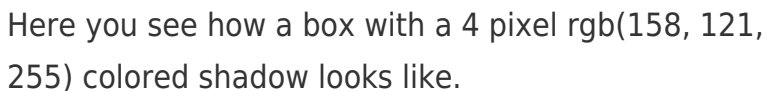
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 121, 255) }
```

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

```
.border{ border-color:rgb(158, 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(158, 121, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 121,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 75.887, 305.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 121, 255) }
```

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

```
.background{ background-color: rgb(158,  
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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