

Converting Colors

CIELCh(61, 84.466, 303.368)

Have a look what the booklet for
CIELCh(61, 84.466, 303.368)
contains.

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Color

CIELCh(60, 74.620, 303.570)

Conversions

Conversions Part 1

Format	Color
Hex	987BFF
RGB	152, 123, 255
RGB Percent	60%, 48%, 100%
CMY	0.4033, 0.5171, 0.0000
CMYK	0.40, 0.52, 0.00, 0.00
HSL	253°, 100%, 74%
HSV	253°, 52%, 100%
XYZ	38.1566, 28.1233, 98.1635
YIQ	146.7190, -25.0880, 47.2000

Conversions

Conversions Part 2

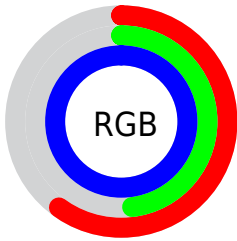
Format	Color
RYB	152, 123, 255
Decimal	9993215
CIELab	60.00, 41.26, -62.17
CIELCh	60, 74.620, 303.570
Yxy	28.1233, 0.2320, 0.1710
Android (android.graphics.Color)	4288183295 (0xFF987BFF)
YUV	146.7190, 53.3825, 4.6314
Hunter-Lab	53.0314, 35.6274, -72.6264

Details

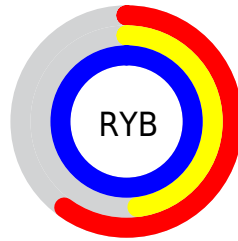
The CIELCh color **60, 74.620, 303.570** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **96, 65.481, 115.439**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 44.100, 308.715**, and **40, 74.536, 303.643** is the 20% darker color. If you saturate the color by 10%, you get **53, 89.938, 304.779**, and if you desaturate by 10%, it is **68, 59.174, 302.417**.

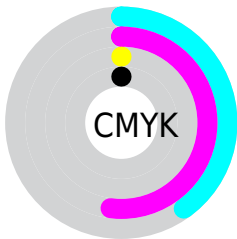
Distribution



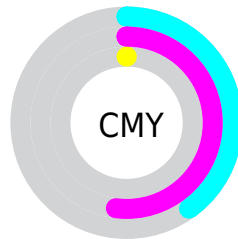
- Red (60%)
- Green (48%)
- Blue (100%)



- Red (60%)
- Yellow (48%)
- Blue (100%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (52%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 74.620, 303.570 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, 74.620, 303.570 by changing the saturation by 10% instead.


 60, 74.620,
303.570


 60, 74.620,
303.570


 100, 74.620,
303.570


 50, 74.620,
303.570


 80, 74.620,
303.570

 40, 74.620,
303.570

 90, 74.620,
303.570

 30, 74.620,
303.570

 20, 74.620,
303.570

 10, 74.620,
303.570

 0, 74.620, 303.570

 60, 74.620,

 60, 74.620,

303.570

303.570

■ 53, 89.938,
304.779

■ 68, 59.174,
302.417

■ 46, 104.721,
305.926

■ 75, 44.180,
301.358

■ 40, 117.677,
306.843

■ 83, 29.679,
300.416

■ 36, 127.128,
307.303

■ 91, 15.707,
299.591

■ 34, 131.726,
307.298

■ 99, 2.257, 298.868

100, 0.012,
296.813

Harmonies

Complementary

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



60, 74.620, 303.570



96, 65.481, 115.439

Rectangle

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



60, 74.620, 303.570



60, 74.620, 353.570



60, 74.620, 123.570



60, 74.620, 173.570

Sweetspot

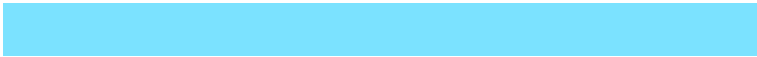
The Sweet Spot groups the original color and five complimentary colors.



60, 74.532, 303.574



88, 21.639, 299.932



85, 32.263, 225.752



45, 14.667, 300.102



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, 74.532, 303.574



53, 90.383, 304.814



67, 76.780, 318.407



49, 7.597, 299.425



25, 105.910, 307.419



4, 44.598, 305.950

Inverse Universe

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



70, 69.024, 334.852



66, 80.031, 335.687



92, 74.203, 133.540



50, 7.771, 331.819



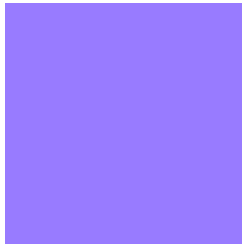
43, 78.509, 339.439



11, 36.831, 337.799

Previews

White Background



This preview shows how the CIELCh color 60, 74.620, 303.570 looks on a white background.

Color Contrast Check

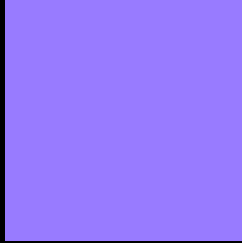
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.620, 303.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

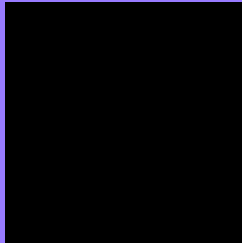
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 74.620, 303.570

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.620, 303.570.

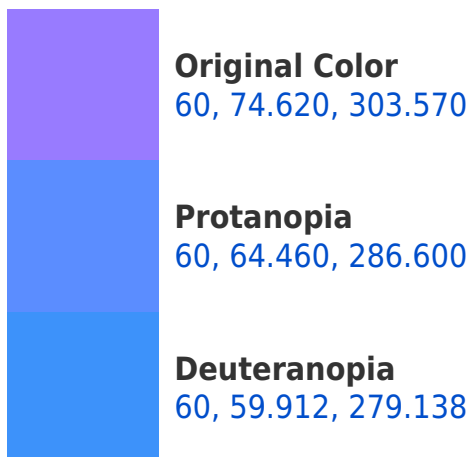


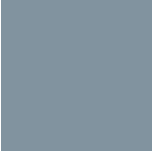
This preview shows how white text looks on a background with the CIELCh color 60, 74.620, 303.570.

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, 9.272, 246.187

Trichromacy



Original Color
60, 74.620, 303.570



Protanomaly
60, 67.517, 292.592



Deuteranomaly
60, 64.517, 287.786



Tritanomaly
59, 31.733, 293.086

Monochromacy



Original Color
60, 74.620, 303.570



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 27.516, 301.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.620, 303.570 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(152, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 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(152, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.620, 303.570 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(152, 123, 255) }
```

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

```
.border{ border-color:rgb(152, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 123, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 123, 255); box-shadow:4px 4px 4px 4px rgb(152, 123, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.620, 303.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 255) }
```

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

```
.background{ background-color: rgb(152,  
123, 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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