

Converting Colors

CIELCh(66, 60.563, 301.114)

Have a look what the booklet for
CIELCh(66, 60.563, 301.114)
contains.

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Color

CIELCh(66, 60.720, 301.178)

Conversions

Conversions Part 1

Format	Color
Hex	A491FE
RGB	164, 145, 254
RGB Percent	64%, 57%, 100%
CMY	0.3566, 0.4312, 0.0037
CMYK	0.35, 0.43, 0.00, 0.00
HSL	250°, 98%, 78%
HSV	250°, 43%, 100%
XYZ	43.3525, 35.3238, 98.3472
YIQ	163.1070, -23.6650, 37.9270

Conversions

Conversions Part 2

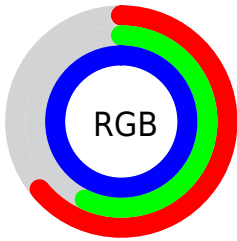
Format	Color
RYB	164, 145, 254
Decimal	10785278
CIELab	66.00, 31.43, -51.95
CIElCh	66, 60.720, 301.178
Yxy	35.3238, 0.2449, 0.1995
Android (android.graphics.Color)	4288975358 (0xFFA491FE)
YUV	163.1070, 44.8102, 0.7832
Hunter-Lab	59.4338, 26.1931, -56.5054

Details

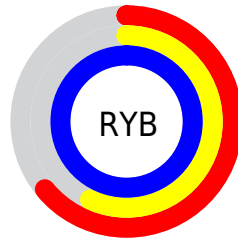
The CIELCh color $66, 60.720, 301.178$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96, 54.580, 113.937$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 30.719, 307.073$, and $46, 61.073, 301.288$ is the 20% darker color. If you saturate the color by 10%, you get $58, 76.142, 302.497$, and if you desaturate by 10%, it is $74, 45.692, 299.982$.

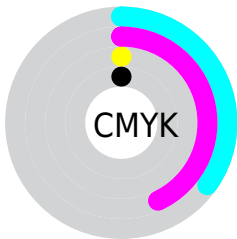
Distribution



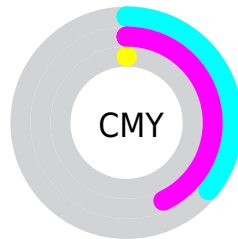
- Red (64%)
- Green (57%)
- Blue (100%)



- Red (64%)
- Yellow (57%)
- Blue (100%)



- Cyan (35%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 60.720, 301.178 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 66, 60.720, 301.178 by changing the saturation by 10% instead.


 66, 60.720,
301.178


 66, 60.720,
301.178


 100, 60.720,
301.178


 56, 60.720,
301.178


 86, 60.720,
301.178

 46, 60.720,
301.178

 96, 60.720,
301.178

 36, 60.720,
301.178

 26, 60.720,
301.178

 16, 60.720,
301.178

 6, 60.720, 301.178

 0, 60.720, 301.178

66, 60.720,
301.178

66, 60.720,
301.178

58, 76.142,
302.497

74, 45.692,
299.982

51, 91.632,
303.880

82, 31.187,
298.924

44, 106.461,
305.209

90, 17.231,
298.005

39, 119.298,
306.283

97, 3.813, 297.211

35, 128.322,
306.852

100, 0.466,
109.977

33, 132.060,
306.941

Harmonies

Complementary

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



66, 60.720, 301.178



96, 54.580, 113.937

Rectangle

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



66, 60.720, 301.178



66, 60.720, 351.178



66, 60.720, 121.178



66, 60.720, 171.178

Sweetspot

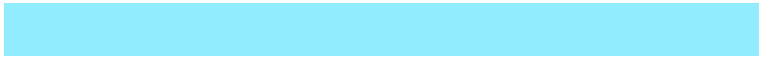
The Sweet Spot groups the original color and five complimentary colors.



66, 60.719, 301.178



90, 17.412, 298.013



89, 28.449, 217.418



46, 12.236, 298.205



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 60.719, 301.178



60, 73.405, 302.239



71, 63.400, 316.524



49, 7.565, 297.721



24, 106.505, 307.041



4, 44.507, 305.060

Inverse Universe

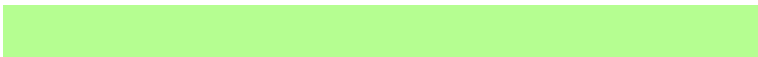
The Inverse Universe completely reimagines the original color for something new.



74, 59.938, 332.408



71, 70.322, 332.963



93, 61.106, 132.557



50, 8.027, 330.205



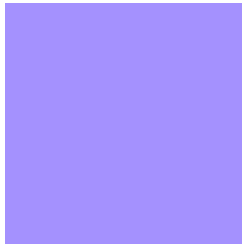
44, 81.232, 336.659



12, 37.974, 335.470

Previews

White Background



This preview shows how the CIELCh color 66, 60.720, 301.178 looks on a white background.

Color Contrast Check

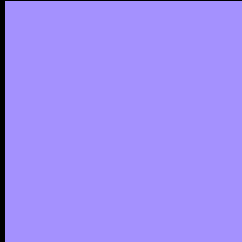
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 60.720, 301.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

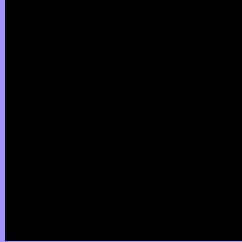
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 60.720, 301.178

Background



This preview shows how black text looks on a background with the CIELCh color 66, 60.720, 301.178.

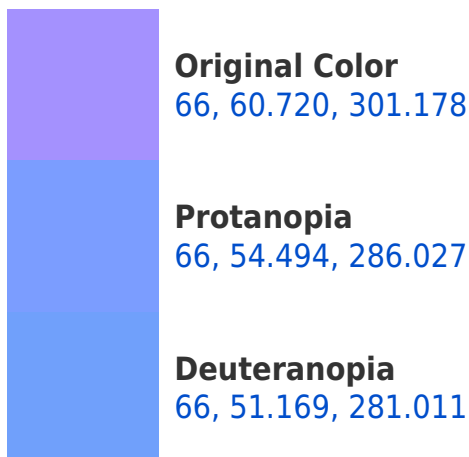


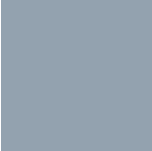
This preview shows how white text looks on a background with the CIELCh color 66, 60.720, 301.178.

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
66, 8.883, 253.589

Trichromacy



Original Color
66, 60.720, 301.178

Protanomaly
66, 56.433, 291.552

Deuteranomaly
66, 53.798, 288.512

Tritanomaly
66, 26.653, 290.769

Monochromacy



Original Color
66, 60.720, 301.178

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 22.386, 298.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 60.720, 301.178 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(164, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 254)  
}
```

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(164, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 60.720, 301.178 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(164, 145, 254) }
```

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

```
.border{ border-color:rgb(164, 145, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 254);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 60.720, 301.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 254) }
```

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

```
.background{ background-color: rgb(164,  
145, 254) }
```

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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