

Converting Colors

CIELCh(66, 58.800, 296.504)

Have a look what the booklet for
CIELCh(66, 58.800, 296.504)
contains.

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Color

CIELCh(66, 58.713, 296.452)

Conversions

Conversions Part 1

Format	Color
Hex	9795FF
RGB	151, 149, 255
RGB Percent	59%, 58%, 100%
CMY	0.4076, 0.4154, 0.0000
CMYK	0.41, 0.42, 0.00, 0.00
HSL	241°, 100%, 79%
HSV	241°, 42%, 100%
XYZ	41.5923, 35.3238, 99.2909
YIQ	161.6820, -32.8340, 33.3900

Conversions

Conversions Part 2

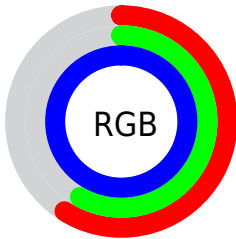
Format	Color
R _Y B	151, 149, 255
Decimal	9934335
CIE Lab	66.00, 26.15, -52.57
CIE LCh	66, 58.713, 296.452
Yxy	35.3238, 0.2360, 0.2005
Android (android.graphics.Color)	4288124415 (0xFF9795FF)
YUV	161.6820, 46.0058, -9.3681
Hunter-Lab	59.4338, 20.9067, -57.4469

Details

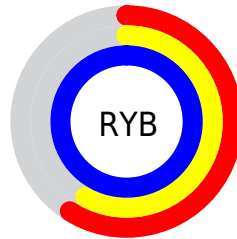
The CIELCh color `66, 58.713, 296.452` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 52.559, 107.026`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 27.612, 296.591`, and `46, 59.148, 296.577` is the 20% darker color. If you saturate the color by 10%, you get `58, 74.322, 298.362`, and if you desaturate by 10%, it is `74, 43.601, 294.773`.

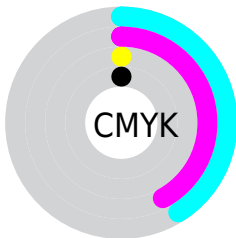
Distribution



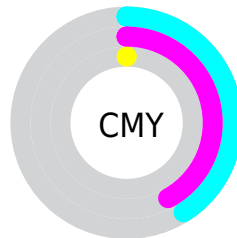
- Red (59%)
- Green (58%)
- Blue (100%)



- Red (59%)
- Yellow (58%)
- Blue (100%)



- Cyan (41%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.713, 296.452 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, 58.713, 296.452 by changing the saturation by 10% instead.


 66, 58.713,
296.452


 66, 58.713,
296.452


 100, 58.713,
296.452


 56, 58.713,
296.452


 86, 58.713,
296.452

 46, 58.713,
296.452


 96, 58.713,
296.452

 36, 58.713,
296.452

 26, 58.713,
296.452

 16, 58.713,
296.452

 6, 58.713, 296.452

 0, 58.713, 296.452

66, 58.713,
296.452

66, 58.713,
296.452

58, 74.322,
298.362

74, 43.601,
294.773

50, 90.299,
300.455

82, 29.150,
293.333

43, 105.919,
302.580

91, 15.301,
292.111

38, 119.715,
304.466

99, 2.016, 291.103

34, 129.472,
305.766

100, 0.012,
296.813

32, 133.734,
306.324

Harmonies

Complementary

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



66, 58.713, 296.452



98, 52.559, 107.026

Rectangle

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



66, 58.713, 296.452



66, 58.713, 346.452



66, 58.713, 116.452



66, 58.713, 166.452

Sweetspot

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



66, 58.675, 296.450



90, 15.920, 292.162



93, 31.550, 199.145



47, 10.588, 292.312



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, 58.675, 296.450



59, 71.875, 298.053



71, 60.337, 311.711



49, 7.506, 291.886



23, 107.686, 306.341



3, 44.174, 302.145

Inverse Universe

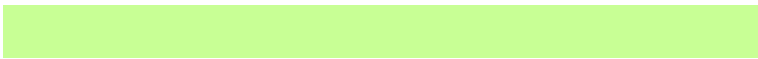
The Inverse Universe completely reimagines the original color for something new.



76, 64.767, 327.210



72, 76.697, 327.618



94, 56.918, 127.693



50, 8.941, 325.457



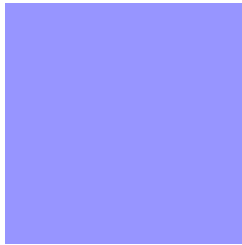
45, 91.710, 329.000



12, 42.267, 328.906

Previews

White Background



This preview shows how the CIELCh color 66, 58.713, 296.452 looks on a white background.

Color Contrast Check

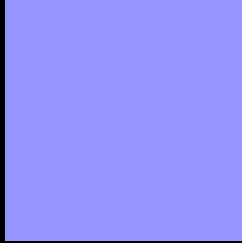
Large Text (above 18pt) WCAG AA × Fail

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, 58.713, 296.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

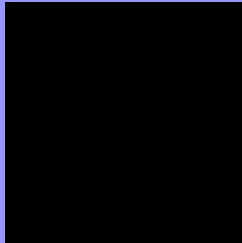
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.713, 296.452

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.713, 296.452.




This preview shows how white text looks on a background with the CIELCh color 66, 58.713, 296.452.

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, 13.570, 230.822

Trichromacy



Original Color
66, 58.713, 296.452

Protanomaly
66, 55.941, 289.855

Deuteranomaly
66, 54.491, 286.569

Tritanomaly
66, 26.672, 278.151

Monochromacy



Original Color
66, 58.713, 296.452

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 21.657, 293.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.713, 296.452 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(151, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 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(151, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.713, 296.452 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(151, 149, 255) }
```

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

```
.border{ border-color:rgb(151, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.713, 296.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 255) }
```

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

```
.background{ background-color: rgb(151,  
149, 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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