

Converting Colors

CIELCh(67, 66.169, 297.542)

Have a look what the booklet for
CIELCh(67, 66.169, 297.542)
contains.

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Color

CIELCh(66, 58.718, 297.261)

Conversions

Conversions Part 1

Format	Color
Hex	9994FE
RGB	153, 148, 254
RGB Percent	60%, 58%, 100%
CMY	0.3983, 0.4178, 0.0023
CMYK	0.40, 0.42, 0.00, 0.00
HSL	243°, 99%, 79%
HSV	243°, 42%, 100%
XYZ	41.8367, 35.3238, 98.7236
YIQ	161.5790, -31.0460, 34.0260

Conversions

Conversions Part 2

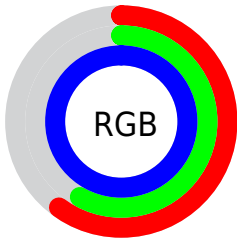
Format	Color
R _Y B	153, 148, 254
Decimal	10065150
CIE Lab	66.00, 26.90, -52.20
CIE LCh	66, 58.718, 297.261
Yxy	35.3238, 0.2379, 0.2008
Android (android.graphics.Color)	4288255230 (0xFF9994FE)
YUV	161.5790, 45.5636, -7.5238
Hunter-Lab	59.4338, 21.6405, -56.8810

Details

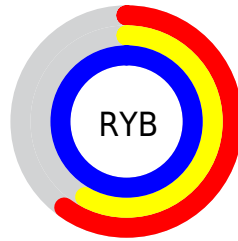
The CIELCh color `66, 58.718, 297.261` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 52.609, 108.293`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 28.256, 298.558`, and `46, 59.202, 297.345` is the 20% darker color. If you saturate the color by 10%, you get `58, 74.305, 299.054`, and if you desaturate by 10%, it is `74, 43.677, 295.682`.

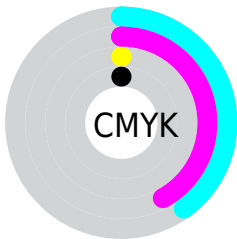
Distribution



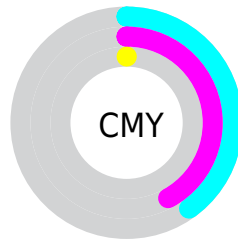
- Red (60%)
- Green (58%)
- Blue (100%)



- Red (60%)
- Yellow (58%)
- Blue (100%)



- Cyan (40%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.718, 297.261 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, 58.718, 297.261 by changing the saturation by 10% instead.


 66, 58.718,
297.261


 66, 58.718,
297.261


 100, 58.718,
297.261


 56, 58.718,
297.261


 86, 58.718,
297.261

 46, 58.718,
297.261

 96, 58.718,
297.261

 36, 58.718,
297.261

 26, 58.718,
297.261

 16, 58.718,
297.261

 6, 58.718, 297.261

 0, 58.718, 297.261

66, 58.718,
297.261

66, 58.718,
297.261

58, 74.305,
299.054

74, 43.677,
295.682

50, 90.189,
301.007

82, 29.247,
294.320

44, 105.686,
302.980

90, 15.413,
293.159

38, 119.367,
304.719

98, 2.138, 292.193

34, 129.092,
305.897

100, 0.287,
109.887

32, 133.377,
306.380

Harmonies

Complementary

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



66, 58.718, 297.261



97, 52.609, 108.293

Rectangle

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



66, 58.718, 297.261



66, 58.718, 347.261



66, 58.718, 117.261



66, 58.718, 167.261

Sweetspot

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



66, 58.717, 297.261



90, 15.931, 293.198



93, 31.008, 200.911



47, 10.594, 293.339



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, 58.717, 297.261



59, 71.853, 298.748



71, 60.487, 312.245



49, 7.511, 292.935



23, 107.548, 306.419



3, 44.240, 302.700

Inverse Universe

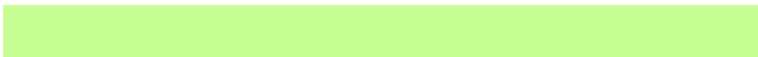
The Inverse Universe completely reimagines the original color for something new.



76, 63.593, 328.041



72, 75.288, 328.469



94, 57.197, 128.272



50, 8.773, 326.233



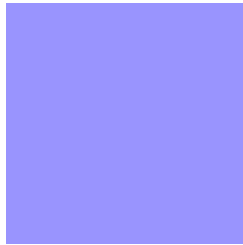
45, 89.722, 330.190



12, 41.460, 329.944

Previews

White Background



This preview shows how the CIELCh color 66, 58.718, 297.261 looks on a white background.

Color Contrast Check

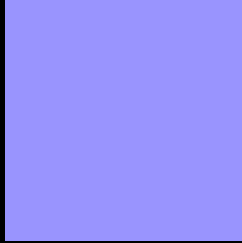
Large Text (above 18pt) WCAG AA × Fail

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, 58.718, 297.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

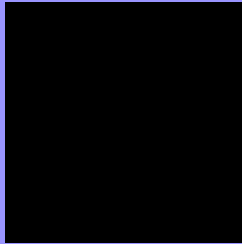
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.718, 297.261

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.718, 297.261.



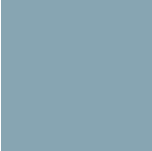
This preview shows how white text looks on a background with the CIELCh color 66, 58.718, 297.261.

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, 12.502, 234.070

Trichromacy



Original Color
66, 58.781, 297.287

Protanomaly
66, 55.941, 289.855

Deuteranomaly
66, 53.899, 286.908

Tritanomaly
66, 26.457, 280.803

Monochromacy



Original Color
66, 58.781, 297.287

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 21.670, 294.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.718, 297.261 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(153, 148, 254)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 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(153, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.718, 297.261 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(153, 148, 254) }
```

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

```
.border{ border-color:rgb(153, 148, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.718, 297.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 254) }
```

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

```
.background{ background-color: rgb(153,  
148, 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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