

Converting Colors

CIELCh(66, 58.699, 296.894)

Have a look what the booklet for
CIELCh(66, 58.699, 296.894)
contains.

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Color

CIELCh(66, 58.713, 296.721)

Conversions

Conversions Part 1

Format	Color
Hex	9895FF
RGB	152, 149, 255
RGB Percent	60%, 58%, 100%
CMY	0.4045, 0.4162, 0.0006
CMYK	0.40, 0.42, 0.00, 0.00
HSL	242°, 100%, 79%
HSV	242°, 42%, 100%
XYZ	41.6734, 35.3238, 99.1015
YIQ	161.9810, -32.2380, 33.6020

Conversions

Conversions Part 2

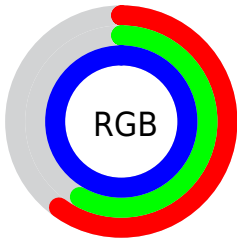
Format	Color
R_{YB}	152, 149, 255
Decimal	9999871
CIE _{Lab}	66.00, 26.40, -52.44
CIE _{LCh}	66, 58.713, 296.721
Yxy	35.3238, 0.2366, 0.2006
Android (android.graphics.Color)	4288189951 (0xFF9895FF)
YUV	161.9810, 45.8584, -8.7533
Hunter-Lab	59.4338, 21.1502, -57.2580

Details

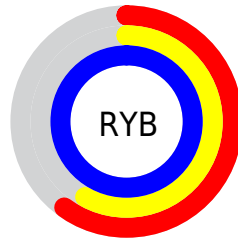
The CIELCh color `66, 58.713, 296.721` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 52.592, 107.448`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 27.640, 297.273`, and `46, 59.137, 296.814` is the 20% darker color. If you saturate the color by 10%, you get `58, 74.343, 298.594`, and if you desaturate by 10%, it is `74, 43.646, 295.077`.

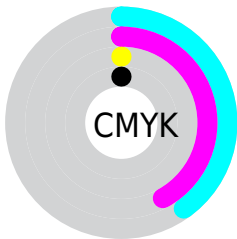
Distribution



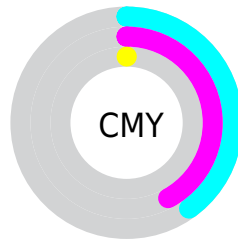
- Red (60%)
- Green (58%)
- Blue (100%)



- 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, 58.713, 296.721 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, 296.721 by changing the saturation by 10% instead.


 66, 58.713,
296.721


 66, 58.713,
296.721


 100, 58.713,
296.721


 56, 58.713,
296.721


 86, 58.713,
296.721

 46, 58.713,
296.721


 96, 58.713,
296.721

 36, 58.713,
296.721

 26, 58.713,
296.721

 16, 58.713,
296.721

 6, 58.713, 296.721

 0, 58.713, 296.721

■ 66, 58.713,
296.721

■ 66, 58.713,
296.721

■ 58, 74.343,
298.594

■ 74, 43.646,
295.077

■ 50, 90.292,
300.639

■ 82, 29.200,
293.663

■ 44, 105.873,
302.713

■ 91, 15.354,
292.462

■ 38, 119.631,
304.549

■ 99, 2.070, 291.468

■ 34, 129.375,
305.808

100, 0.065,
108.984

■ 32, 133.633,
306.343

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, 296.721



98, 52.592, 107.448

Rectangle

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



66, 58.713, 296.721



66, 58.713, 346.721



66, 58.713, 116.721



66, 58.713, 166.721

Sweetspot

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



66, 58.712, 296.721



90, 15.923, 292.508



93, 31.560, 199.144



47, 10.590, 292.654



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, 58.712, 296.721



59, 71.867, 298.283



70, 60.371, 311.713



49, 7.507, 292.236



23, 107.640, 306.367



3, 44.196, 302.332

Inverse Universe

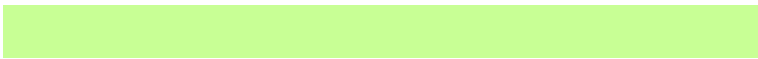
The Inverse Universe completely reimagines the original color for something new.



76, 64.398, 327.484



72, 76.225, 327.898



94, 56.946, 127.692



50, 8.885, 325.712



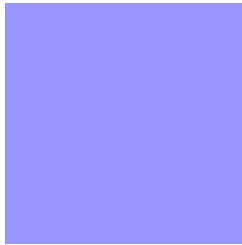
45, 91.043, 329.389



12, 41.996, 329.246

Previews

White Background



This preview shows how the CIELCh color 66, 58.713, 296.721 looks on a white background.

Color Contrast Check

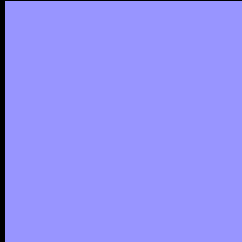
Large Text (above 18pt) WCAG AA × Fail

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, 296.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

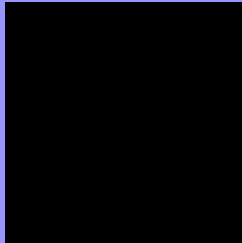
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.713, 296.721

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.713, 296.721.



This preview shows how white text looks on a background with the CIELCh color 66, 58.713, 296.721.

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



Original Color

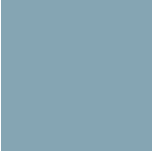
66, 58.713, 296.721

Protanopia

66, 54.525, 285.784

Deuteranopia

66, 51.774, 280.781



Tritanopia
66, 13.308, 234.531

Trichromacy



Original Color
66, 58.713, 296.721

Protanomaly
66, 55.941, 289.855

Deuteranomaly
66, 53.928, 286.654

Tritanomaly
66, 27.106, 279.843

Monochromacy



Original Color
66, 58.713, 296.721

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, 296.721 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, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 149, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.713, 296.721 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, 149, 255) }
```

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

```
.border{ border-color:rgb(152, 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(152, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 149,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.713, 296.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 149, 255) }
```

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

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