

Converting Colors

CIELCh(66, 58.941, 295.938)

Have a look what the booklet for
CIELCh(66, 58.941, 295.938)
contains.

CIELCh(66, 58.715, 295.919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 58.715, 295.919)

Conversions

Conversions Part 1

Format	Color
Hex	9595FF
RGB	149, 149, 255
RGB Percent	58%, 58%, 100%
CMY	0.4138, 0.4139, 0.0000
CMYK	0.41, 0.41, 0.00, 0.00
HSL	240°, 100%, 79%
HSV	240°, 41%, 100%
XYZ	41.4317, 35.3238, 99.6643
YIQ	161.0840, -34.0260, 32.9660

Conversions

Conversions Part 2

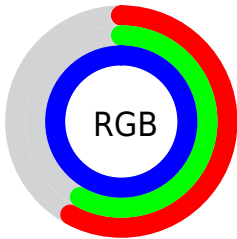
Format	Color
RYB	149, 149, 255
Decimal	9803263
CIELab	66.00, 25.66, -52.81
CIELCh	66, 58.715, 295.919
Yxy	35.3238, 0.2348, 0.2002
Android (android.graphics.Color)	4287993343 (0xFF9595FF)
YUV	161.0840, 46.3006, -10.5977
Hunter-Lab	59.4338, 20.4243, -57.8194

Details

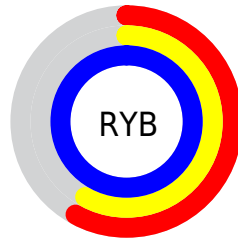
The CIELCh color `66, 58.715, 295.919` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 52.372, 106.188`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 27.566, 295.229`, and `46, 59.172, 296.108` is the 20% darker color. If you saturate the color by 10%, you get `58, 74.104, 297.889`, and if you desaturate by 10%, it is `74, 43.371, 294.156`.

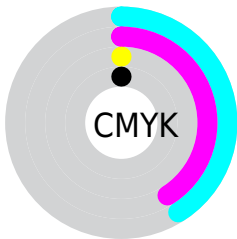
Distribution



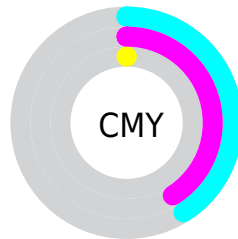
- Red (58%)
- Green (58%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.715, 295.919 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, 58.715, 295.919 by changing the saturation by 10% instead.

 66, 58.715,
295.919


 66, 58.715,
295.919


 100, 58.715,
295.919


 56, 58.715,
295.919


 86, 58.715,
295.919

 46, 58.715,
295.919


 96, 58.715,
295.919

 36, 58.715,
295.919

 26, 58.715,
295.919

 16, 58.715,
295.919

 6, 58.715, 295.919

 0, 58.715, 295.919

■ 66, 58.715,
295.919

■ 66, 58.715,
295.919

■ 58, 74.104,
297.889

■ 74, 43.371,
294.156

■ 50, 90.119,
300.077

■ 82, 28.929,
292.665

■ 43, 105.805,
302.307

■ 91, 15.092,
291.403

■ 38, 119.678,
304.295

■ 99, 1.818, 290.371

■ 34, 129.485,
305.683

■ 100, 0.012,
296.813

■ 32, 133.814,
306.288

Harmonies

Complementary

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



66, 58.715, 295.919



98, 52.372, 106.188

Rectangle

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



66, 58.715, 295.919



66, 58.715, 345.919



66, 58.715, 115.919



66, 58.715, 165.919

Sweetspot

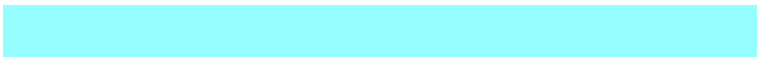
The Sweet Spot groups the original color and five complimentary colors.



66, 58.444, 295.897



90, 15.916, 291.474



94, 32.023, 197.448



47, 10.585, 291.628



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, 58.444, 295.897



59, 71.894, 297.598



70, 59.996, 311.172



49, 7.504, 291.188



23, 107.779, 306.288



3, 44.128, 301.766

Inverse Universe

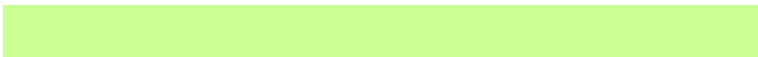
The Inverse Universe completely reimagines the original color for something new.



76, 65.346, 326.673



72, 77.645, 327.073



94, 56.466, 127.110



50, 9.054, 324.957



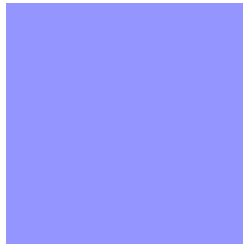
45, 93.055, 328.248



12, 42.811, 328.246

Previews

White Background



This preview shows how the CIELCh color 66, 58.715, 295.919 looks on a white background.

Color Contrast Check

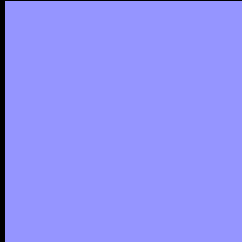
Large Text (above 18pt) WCAG AA × Fail

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, 58.715, 295.919 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, 58.715, 295.919

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.715, 295.919.



This preview shows how white text looks on a background with the CIELCh color 66, 58.715, 295.919.

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, 58.715, 295.919

Protanopia
66, 54.525, 285.784

Deuteranopia
66, 52.334, 280.795



Tritanopia
66, 14.113, 229.406

Trichromacy



Original Color
66, 58.715, 295.919

Protanomaly
66, 55.962, 289.600

Deuteranomaly
66, 54.491, 286.569

Tritanomaly
66, 26.811, 276.875

Monochromacy



Original Color
66, 58.715, 295.919

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 21.097, 292.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.715, 295.919 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(149, 149, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 66, 58.715, 295.919 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(149, 149, 255) }
```

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 66, 58.715, 295.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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