

Converting Colors

CIELCh(68, 52.618, 292.583)

Have a look what the booklet for
CIELCh(68, 52.618, 292.583)
contains.

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Color

CIELCh(68, 52.826, 292.506)

Conversions

Conversions Part 1

Format	Color
Hex	959EFE
RGB	149, 158, 254
RGB Percent	58%, 62%, 100%
CMY	0.4159, 0.3806, 0.0041
CMYK	0.41, 0.38, 0.00, 0.00
HSL	235°, 98%, 79%
HSV	235°, 41%, 100%
XYZ	42.4821, 37.9720, 98.8076
YIQ	166.2530, -36.1800, 27.9480

Conversions

Conversions Part 2

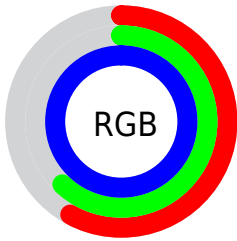
Format	Color
R_{YB}	149, 157, 254
Decimal	9805566
CIE _{Lab}	68.00, 20.22, -48.80
CIE _{LCh}	68, 52.826, 292.506
Yxy	37.9720, 0.2370, 0.2118
Android (android.graphics.Color)	4287995646 (0xFF959EFE)
YUV	166.2530, 43.2593, -15.1309
Hunter-Lab	61.6215, 15.2212, -51.9342

Details

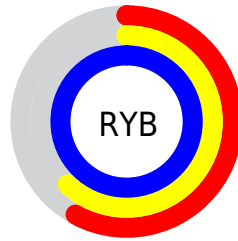
The CIELCh color **68, 52.826, 292.506** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **95, 48.274, 102.097**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 22.619, 287.891**, and **48, 52.887, 292.378** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.948, 294.626**, and if you desaturate by 10%, it is **76, 39.251, 290.670**.

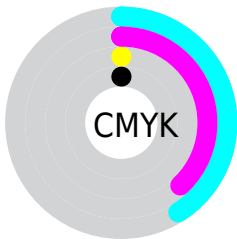
Distribution



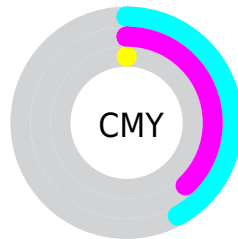
- Red (58%)
- Green (62%)
- Blue (100%)



- Red (58%)
- Yellow (62%)
- Blue (100%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (38%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 52.826, 292.506 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 68, 52.826, 292.506 by changing the saturation by 10% instead.

 68, 52.826,
292.506

 68, 52.826,
292.506


 100, 52.826,
292.506


 58, 52.826,
292.506


 88, 52.826,
292.506

 48, 52.826,
292.506

 98, 52.826,
292.506

 38, 52.826,
292.506

 28, 52.826,
292.506

 18, 52.826,
292.506

 8, 52.826, 292.506

 0, 52.826, 292.506

68, 52.826,
292.506

68, 52.826,
292.506

60, 66.948,
294.626

76, 39.251,
290.670

53, 81.544,
297.004

83, 26.216,
289.101

46, 96.299,
299.543

91, 13.679,
287.769

41, 110.405,
302.037

99, 1.603, 286.699

36, 122.337,
304.173

100, 0.525,
109.991

33, 129.477,
305.464

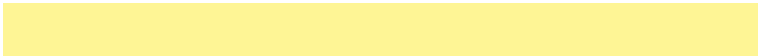
Harmonies

Complementary

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



68, 52.826, 292.506



95, 48.274, 102.097

Rectangle

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



68, 52.826, 292.506



68, 52.826, 342.506



68, 52.826, 112.506



68, 52.826, 162.506

Sweetspot

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



68, 52.825, 292.506



91, 14.534, 287.850



93, 33.210, 187.876



47, 9.663, 288.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 52.825, 292.506



62, 65.237, 294.327



69, 59.124, 307.993



49, 6.856, 287.548



24, 103.757, 305.233



4, 41.403, 300.240

Inverse Universe

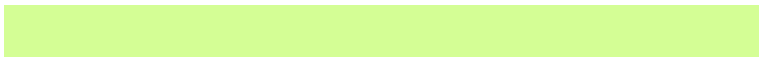
The Inverse Universe completely reimagines the original color for something new.



73, 42.230, 17.212



68, 52.237, 18.994



95, 54.834, 123.395



50, 5.278, 13.023



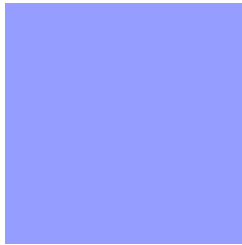
40, 80.640, 36.647



10, 32.701, 23.706

Previews

White Background



This preview shows how the CIELCh color 68, 52.826, 292.506 looks on a white background.

Color Contrast Check

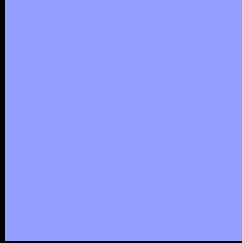
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 52.826, 292.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

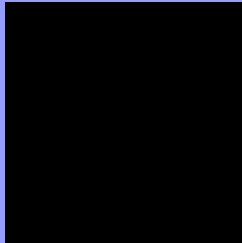
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 52.826, 292.506

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.826, 292.506.



This preview shows how white text looks on a background with the CIELCh color 68, 52.826, 292.506.

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


68, 52.826, 292.506

Protanopia

68, 51.444, 285.972

Deuteranopia

68, 48.593, 281.309



Tritanopia
68, 15.370, 228.766

Trichromacy



Original Color
68, 52.826, 292.506

Protanomaly
68, 51.833, 288.120

Deuteranomaly
68, 50.381, 285.623

Tritanomaly
68, 25.593, 271.376

Monochromacy



Original Color
68, 52.826, 292.506

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.315, 289.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.826, 292.506 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, 158, 254)` looks like.

```
.text, #text, p{  
    color:rgb(149, 158, 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(149, 158, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 158, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.826, 292.506 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, 158, 254) }
```

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

```
.border{ border-color:rgb(149, 158, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 158, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 158, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 158, 254);  
box-shadow:4px 4px 4px 4px rgb(149, 158,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.826, 292.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 158, 254) }
```

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

```
.background{ background-color: rgb(149,  
158, 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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