

Converting Colors

CIELCh(68, 53.418, 290.056)

Have a look what the booklet for
CIELCh(68, 53.418, 290.056)
contains.

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Color

CIELCh(68, 52.886, 290.152)

Conversions

Conversions Part 1

Format	Color
Hex	8E9FFF
RGB	142, 159, 255
RGB Percent	56%, 62%, 100%
CMY	0.4414, 0.3749, 0.0000
CMYK	0.44, 0.37, 0.00, 0.00
HSL	231°, 100%, 78%
HSV	231°, 44%, 100%
XYZ	41.8186, 37.9720, 100.1079
YIQ	164.8610, -40.9480, 26.2520

Conversions

Conversions Part 2

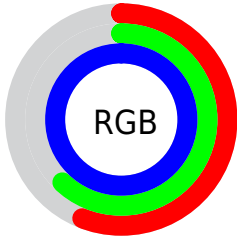
Format	Color
R _Y B	142, 157, 255
Decimal	9347071
CIE Lab	68.00, 18.22, -49.65
CIE LCh	68, 52.886, 290.152
Yxy	37.9720, 0.2325, 0.2111
Android (android.graphics.Color)	4287537151 (0xFF8E9FFF)
YUV	164.8610, 44.4385, -20.0491
Hunter-Lab	61.6215, 13.2990, -53.1853

Details

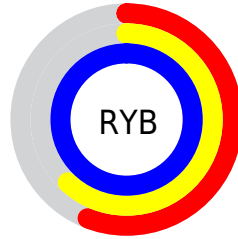
The CIELCh color `68, 52.886, 290.152` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `94, 48.676, 98.180`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 22.360, 281.093`, and `48, 52.992, 290.044` is the 20% darker color. If you saturate the color by 10%, you get `61, 65.802, 292.408`, and if you desaturate by 10%, it is `75, 39.979, 288.100`.

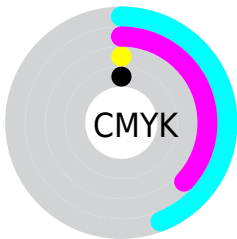
Distribution



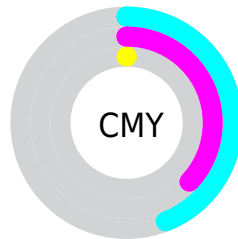
- Red (56%)
- Green (62%)
- Blue (100%)



- Red (56%)
- Yellow (62%)
- Blue (100%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 52.886, 290.152 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, 52.886, 290.152 by changing the saturation by 10% instead.


 68, 52.886,
290.152


 68, 52.886,
290.152


 100, 52.886,
290.152


 58, 52.886,
290.152


 88, 52.886,
290.152

 48, 52.886,
290.152

 98, 52.886,
290.152

 38, 52.886,
290.152

 28, 52.886,
290.152

 18, 52.886,
290.152

 8, 52.886, 290.152

 0, 52.886, 290.152

68, 52.886,
290.152

68, 52.886,
290.152

61, 65.802,
292.408

75, 39.979,
288.100

54, 79.411,
295.000

82, 27.777,
286.387

48, 93.263,
297.787

90, 16.001,
284.929

42, 106.773,
300.578

97, 4.618, 283.706

37, 118.783,
303.084

100, 0.012,
296.813

35, 124.520,
304.267

Harmonies

Complementary

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



68, 52.886, 290.152



94, 48.676, 98.180

Rectangle

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



68, 52.886, 290.152



68, 52.886, 340.152



68, 52.886, 110.152



68, 52.886, 160.152

Sweetspot

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



68, 52.646, 290.102



91, 14.683, 284.777



93, 36.603, 181.690



47, 10.311, 285.073



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, 52.646, 290.102



62, 64.276, 292.130



67, 63.235, 306.125



49, 6.386, 284.331



26, 99.080, 303.915



5, 39.331, 298.875

Inverse Universe

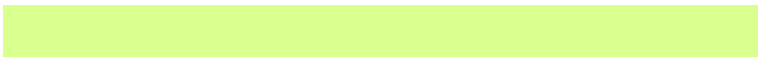
The Inverse Universe completely reimagines the original color for something new.



72, 45.311, 12.821



67, 55.049, 14.807



95, 57.711, 120.620



50, 5.347, 7.876



40, 77.442, 33.033



10, 32.276, 20.988

Previews

White Background



This preview shows how the CIELCh color 68, 52.886, 290.152 looks on a white background.

Color Contrast Check

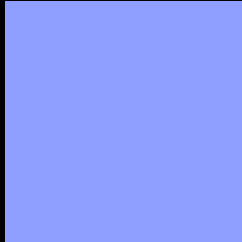
Large Text (above 18pt) WCAG AA × Fail

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 68, 52.886, 290.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

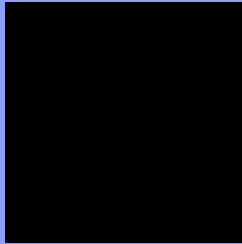
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 52.886, 290.152

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.886, 290.152.



This preview shows how white text looks on a background with the CIELCh color 68, 52.886, 290.152.

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, 52.886, 290.152

Protanopia

68, 51.444, 285.972

Deuteranopia

68, 49.720, 281.250



Tritanopia
68, 17.764, 224.161

Trichromacy



Original Color
68, 52.886, 290.152

Protanomaly
68, 51.885, 287.558

Deuteranomaly
68, 50.467, 284.465

Tritanomaly
68, 26.406, 266.504

Monochromacy



Original Color
68, 52.886, 290.152

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.375, 286.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.886, 290.152 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(142, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 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(142, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.886, 290.152 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(142, 159, 255) }
```

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

```
.border{ border-color:rgb(142, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.886, 290.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 159, 255) }
```

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

```
.background{ background-color: rgb(142,  
159, 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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