

Converting Colors

CIELCh(68, 58.462, 302.157)

Have a look what the booklet for
CIELCh(68, 58.462, 302.157)
contains.

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Color

CIELCh(68, 58.364, 302.326)

Conversions

Conversions Part 1

Format	Color
Hex	AD96FF
RGB	173, 150, 255
RGB Percent	68%, 59%, 100%
CMY	0.3211, 0.4113, 0.0000
CMYK	0.32, 0.41, 0.00, 0.00
HSL	253°, 100%, 79%
HSV	253°, 41%, 100%
XYZ	46.2518, 37.9720, 99.5996
YIQ	168.8470, -19.9970, 37.5310

Conversions

Conversions Part 2

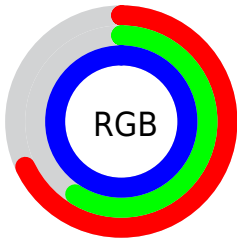
Format	Color
R_{YB}	173, 150, 255
Decimal	11376383
CIE _{Lab}	68.00, 31.21, -49.32
CIE _{LCh}	68, 58.364, 302.326
Yxy	37.9720, 0.2516, 0.2066
Android (android.graphics.Color)	4289566463 (0xFFAD96FF)
YUV	168.8470, 42.4734, 3.6422
Hunter-Lab	61.6215, 26.1408, -52.6962

Details

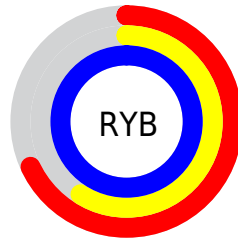
The CIELCh color **68, 58.364, 302.326** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 52.905, 116.011**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 28.466, 311.005**, and **48, 58.445, 302.213** is the 20% darker color. If you saturate the color by 10%, you get **60, 73.644, 303.485**, and if you desaturate by 10%, it is **76, 43.331, 301.277**.

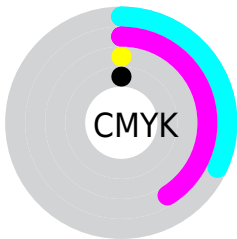
Distribution



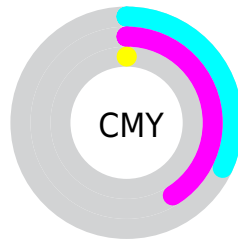
- Red (68%)
- Green (59%)
- Blue (100%)



- Red (68%)
- Yellow (59%)
- Blue (100%)



- Cyan (32%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 58.364, 302.326 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, 58.364, 302.326 by changing the saturation by 10% instead.


 68, 58.364,
302.326


 68, 58.364,
302.326


 100, 58.364,
302.326


 58, 58.364,
302.326


 88, 58.364,
302.326

 48, 58.364,
302.326

 98, 58.364,
302.326

 38, 58.364,
302.326

 28, 58.364,
302.326

 18, 58.364,
302.326

 8, 58.364, 302.326

 0, 58.364, 302.326

68, 58.364,
302.326

68, 58.364,
302.326

60, 73.644,
303.485

76, 43.331,
301.277

53, 89.063,
304.692

84, 28.861,
300.340

46, 103.912,
305.850

91, 14.919,
299.520

41, 117.020,
306.789

99, 1.500, 298.797

36, 126.722,
307.284

100, 0.012,
296.813

34, 131.738,
307.291

Harmonies

Complementary

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



68, 58.364, 302.326



96, 52.905, 116.011

Rectangle

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



68, 58.364, 302.326



68, 58.364, 352.326



68, 58.364, 122.326



68, 58.364, 172.326

Sweetspot

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



68, 58.299, 302.331



91, 16.107, 299.587



88, 27.025, 224.266



47, 10.710, 299.689



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, 58.299, 302.331



62, 70.350, 303.232



73, 61.458, 318.025



49, 7.596, 299.397



25, 105.920, 307.413



4, 44.597, 305.935

Inverse Universe

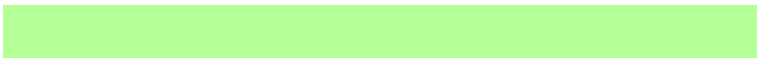
The Inverse Universe completely reimagines the original color for something new.



75, 56.043, 334.014



71, 65.861, 334.611



93, 59.738, 134.145



50, 7.775, 331.792



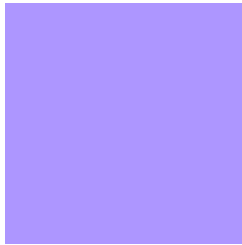
43, 78.551, 339.392



11, 36.849, 337.760

Previews

White Background



This preview shows how the CIELCh color 68, 58.364, 302.326 looks on a white background.

Color Contrast Check

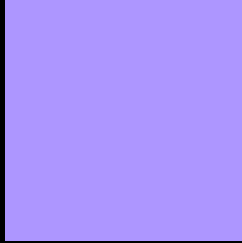
Large Text (above 18pt) WCAG AA × Fail

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, 58.364, 302.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

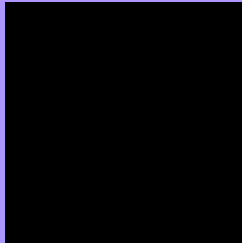
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 58.364, 302.326

Background



This preview shows how black text looks on a background with the CIELCh color 68, 58.364, 302.326.

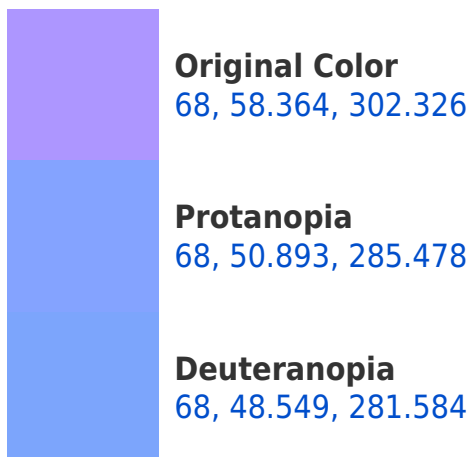


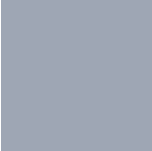
This preview shows how white text looks on a background with the CIELCh color 68, 58.364, 302.326.

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
68, 8.178, 270.287

Trichromacy



Original Color
68, 58.364, 302.326

Protanomaly
68, 53.388, 292.007

Deuteranomaly
68, 51.238, 289.470

Tritanomaly
68, 26.013, 295.014

Monochromacy



Original Color
68, 58.364, 302.326

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 21.190, 299.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 58.364, 302.326 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(173, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 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(173, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 58.364, 302.326 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(173, 150, 255) }
```

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

```
.border{ border-color:rgb(173, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 58.364, 302.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 255) }
```

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

```
.background{ background-color: rgb(173,  
150, 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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