

Converting Colors

CIELCh(67, 50.773, 302.940)

Have a look what the booklet for
CIELCh(67, 50.773, 302.940)
contains.

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Color

CIELCh(67, 50.959, 303.024)

Conversions

Conversions Part 1

Format	Color
Hex	AC95F0
RGB	172, 149, 240
RGB Percent	67%, 58%, 94%
CMY	0.3249, 0.4151, 0.0582
CMYK	0.28, 0.38, 0.00, 0.06
HSL	255°, 75%, 76%
HSV	255°, 38%, 94%
XYZ	43.5718, 36.6320, 87.3404
YIQ	166.2510, -15.5030, 33.1770

Conversions

Conversions Part 2

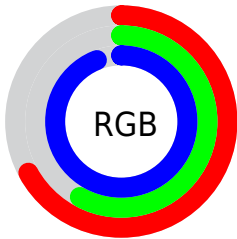
Format	Color
R _Y B	172, 149, 240
Decimal	11310576
CIE Lab	67.00, 27.77, -42.73
CIE LCh	67, 50.959, 303.024
Yxy	36.6320, 0.2601, 0.2186
Android (android.graphics.Color)	4289500656 (0xFFAC95F0)
YUV	166.2510, 36.3583, 5.0419
Hunter-Lab	60.5244, 22.5855, -43.1921

Details

The CIELCh color $67, 50.959, 303.024$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $91, 46.830, 117.637$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 28.881, 310.033$, and $47, 51.226, 302.907$ is the 20% darker color. If you saturate the color by 10%, you get $60, 65.437, 304.052$, and if you desaturate by 10%, it is $74, 36.851, 302.087$.

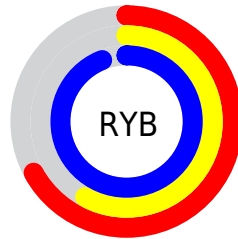
Distribution



Red (67%)

Green (58%)

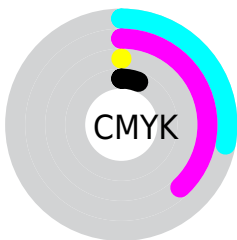
Blue (94%)



Red (67%)

Yellow (58%)

Blue (94%)

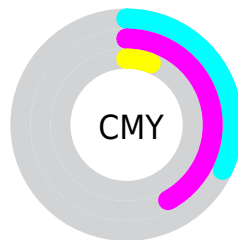


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 50.959, 303.024 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 67, 50.959, 303.024 by changing the saturation by 10% instead.

67, 50.959,
303.024

67, 50.959,
303.024

100, 50.959,
303.024

57, 50.959,
303.024

87, 50.959,
303.024

47, 50.959,
303.024

97, 50.959,
303.024

37, 50.959,
303.024

27, 50.959,
303.024

17, 50.959,
303.024

7, 50.959, 303.024

0, 50.959, 303.024

67, 50.959,
303.024

67, 50.959,
303.024

60, 65.437,
304.052

74, 36.851,
302.087

53, 80.062,
305.134

82, 23.209,
301.254

46, 94.345,
306.192

89, 10.056,
300.521

41, 107.380,
307.090

96, 2.617, 119.904

36, 117.780,
307.632

100, 7.509,
109.606

33, 124.206,
307.648

32, 125.271,
307.636

Harmonies

Complementary

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



67, 50.959, 303.024



91, 46.830, 117.637

Rectangle

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



67, 50.959, 303.024



67, 50.959, 353.024



67, 50.959, 123.024



67, 50.959, 173.024

Sweetspot

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



67, 50.958, 303.024



92, 14.789, 300.741



83, 23.902, 228.604



48, 9.962, 300.839



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 50.958, 303.024



65, 64.278, 303.762



71, 54.282, 318.932



46, 7.245, 300.631



24, 102.231, 307.769



3, 38.590, 304.713

Inverse Universe

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



73, 48.262, 335.111



73, 59.605, 335.690



89, 53.087, 135.308



47, 7.216, 333.036



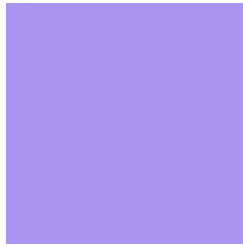
41, 74.440, 341.541



9, 33.320, 339.247

Previews

White Background



This preview shows how the CIELCh color 67, 50.959, 303.024 looks on a white background.

Color Contrast Check

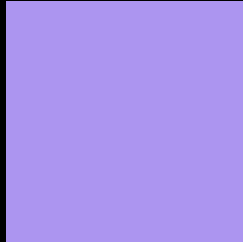
Large Text (above 18pt) WCAG AA × Fail

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 67, 50.959, 303.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

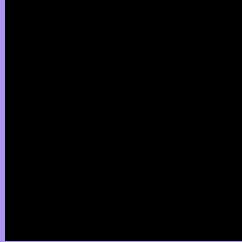
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 50.959, 303.024

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.959, 303.024.



This preview shows how white text looks on a background with the CIELCh color 67, 50.959, 303.024.

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
67, 7.247, 282.220

Trichromacy



Original Color
67, 50.959, 303.024

Protanomaly
67, 49.702, 291.733

Deuteranomaly
67, 45.310, 290.911

Tritanomaly
67, 22.846, 297.680

Monochromacy



Original Color
67, 50.959, 303.024

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 18.512, 300.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.959, 303.024 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(172, 149, 240)` looks like.

```
.text, #text, p{  
    color:rgb(172, 149, 240)  
}
```

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(172, 149, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 149, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.959, 303.024 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(172, 149, 240) }
```

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

```
.border{ border-color:rgb(172, 149, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 149, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 149, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 149, 240); box-shadow:4px 4px 4px 4px rgb(172, 149, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.959, 303.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 149, 240) }
```

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

```
.background{ background-color: rgb(172,  
149, 240) }
```

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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