

Converting Colors

CIELCh(66, 58.401, 307.082)

Have a look what the booklet for
CIELCh(66, 58.401, 307.082)
contains.

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Color

CIELCh(66, 58.344, 307.070)

Conversions

Conversions Part 1

Format	Color
Hex	B38DF4
RGB	179, 141, 244
RGB Percent	70%, 55%, 96%
CMY	0.2967, 0.4458, 0.0417
CMYK	0.27, 0.42, 0.00, 0.04
HSL	262°, 83%, 76%
HSV	262°, 42%, 96%
XYZ	44.6268, 35.3238, 90.3383
YIQ	164.1040, -10.4150, 40.0890

Conversions

Conversions Part 2

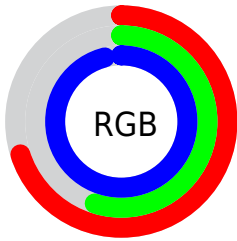
Format	Color
R _Y B	179, 141, 244
Decimal	11767284
CIE Lab	66.00, 35.17, -46.55
CIE LCh	66, 58.344, 307.070
Yxy	35.3238, 0.2621, 0.2074
Android (android.graphics.Color)	4289957364 (0xFFB38DF4)
YUV	164.1040, 39.3887, 13.0638
Hunter-Lab	59.4338, 30.0201, -48.5160

Details

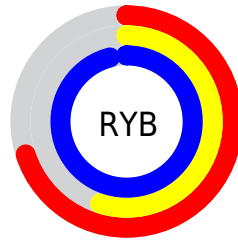
The CIELCh color $66, 58.344, 307.070$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $92, 53.785, 122.151$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.831, 316.744$, and $46, 58.251, 307.202$ is the 20% darker color. If you saturate the color by 10%, you get $59, 72.919, 307.833$, and if you desaturate by 10%, it is $73, 43.898, 306.332$.

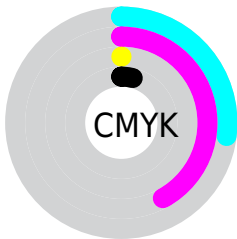
Distribution



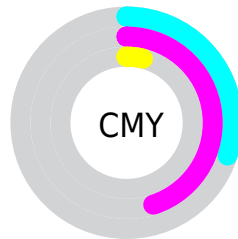
- Red (70%)
- Green (55%)
- Blue (96%)



- Red (70%)
- Yellow (55%)
- Blue (96%)



- Cyan (27%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)





- Cyan (30%)
- Magenta (45%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.344, 307.070 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, 58.344, 307.070 by changing the saturation by 10% instead.


 66, 58.344,
307.070


 66, 58.344,
307.070


 100, 58.344,
307.070


 56, 58.344,
307.070


 86, 58.344,
307.070

 46, 58.344,
307.070

 96, 58.344,
307.070

 36, 58.344,
307.070

 26, 58.344,
307.070

 16, 58.344,
307.070

 6, 58.344, 307.070

 0, 58.344, 307.070

66, 58.344,
307.070

66, 58.344,
307.070

59, 72.919,
307.833

73, 43.898,
306.332

53, 87.249,
308.568

80, 29.780,
305.646

47, 100.663,
309.184

88, 16.077,
305.025

41, 112.128,
309.546

95, 2.820, 304.450

38, 120.386,
309.494

100, 5.385,
109.761

35, 124.414,
309.160

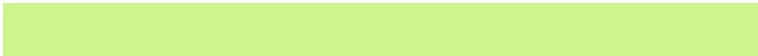
Harmonies

Complementary

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



66, 58.344, 307.070



92, 53.785, 122.151

Rectangle

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



66, 58.344, 307.070



66, 58.344, 357.070



66, 58.344, 127.070



66, 58.344, 177.070

Sweetspot

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



66, 58.343, 307.070



90, 17.812, 305.076



80, 27.420, 246.083



47, 12.509, 305.209



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, 58.343, 307.070



62, 73.737, 307.754



71, 62.502, 322.702



47, 7.490, 304.869



26, 101.226, 309.332



4, 41.087, 308.563

Inverse Universe

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



71, 50.203, 340.787



70, 61.937, 341.764



89, 61.887, 138.112



48, 6.758, 337.882



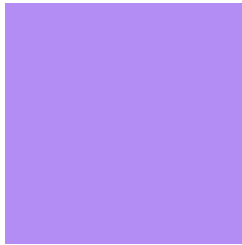
41, 70.009, 350.301



9, 31.990, 346.419

Previews

White Background



This preview shows how the CIELCh color 66, 58.344, 307.070 looks on a white background.

Color Contrast Check

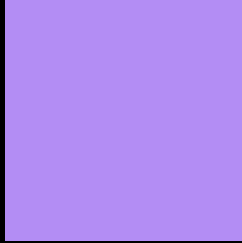
Large Text (above 18pt) WCAG AA × Fail

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, 58.344, 307.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

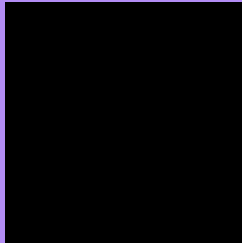
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.344, 307.070

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.344, 307.070.



This preview shows how white text looks on a background with the CIELCh color 66, 58.344, 307.070.

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, 58.344, 307.070

Protanopia
66, 54.494, 286.027

Deuteranopia
66, 45.416, 281.864



Tritanopia
66, 7.187, 312.198

Trichromacy



Original Color
66, 58.344, 307.070



Protanomaly
66, 55.386, 293.330



Deuteranomaly
66, 49.310, 292.054



Tritanomaly
66, 25.894, 306.738

Monochromacy



Original Color
66, 58.344, 307.070



Achromatopsia
67, 0.008, 296.813



Achromatomaly
67, 21.182, 305.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.344, 307.070 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(179, 141, 244)` looks like.

```
.text, #text, p{  
    color:rgb(179, 141, 244)  
}
```

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(179, 141, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 141, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.344, 307.070 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(179, 141, 244) }
```

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

```
.border{ border-color:rgb(179, 141, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 141, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 141, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 141, 244);  
box-shadow:4px 4px 4px 4px rgb(179, 141,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.344, 307.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 141, 244) }
```

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

```
.background{ background-color: rgb(179,  
141, 244) }
```

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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