

Converting Colors

CIELCh(66, 60.372, 307.053)

Have a look what the booklet for
CIELCh(66, 60.372, 307.053)
contains.

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Color

CIELCh(66, 59.954, 307.094)

Conversions

Conversions Part 1

Format	Color
Hex	B48DF7
RGB	180, 141, 247
RGB Percent	71%, 55%, 97%
CMY	0.2953, 0.4482, 0.0326
CMYK	0.27, 0.43, 0.00, 0.03
HSL	262°, 86%, 76%
HSV	262°, 43%, 97%
XYZ	44.9689, 35.3238, 92.1814
YIQ	164.7450, -10.7820, 41.2340

Conversions

Conversions Part 2

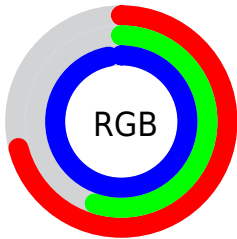
Format	Color
R _Y B	180, 141, 247
Decimal	11832823
CIE Lab	66.00, 36.16, -47.82
CIE LCh	66, 59.954, 307.094
Yxy	35.3238, 0.2607, 0.2048
Android (android.graphics.Color)	4290022903 (0xFFB48DF7)
YUV	164.7450, 40.5517, 13.3786
Hunter-Lab	59.4338, 31.0476, -50.3546

Details

The CIELCh color $66, 59.954, 307.094$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $92, 55.156, 122.064$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.964, 317.272$, and $46, 59.896, 306.961$ is the 20% darker color. If you saturate the color by 10%, you get $59, 74.641, 307.861$, and if you desaturate by 10%, it is $73, 45.377, 306.350$.

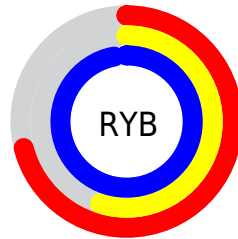
Distribution



Red (71%)

Green (55%)

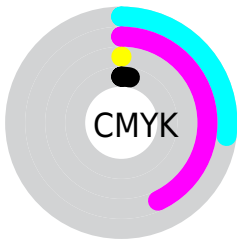
Blue (97%)



Red (71%)

Yellow (55%)

Blue (97%)

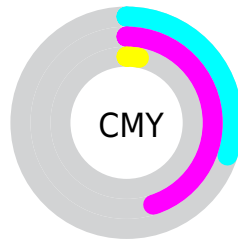


Cyan (27%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (30%)


Magenta (45%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 59.954, 307.094 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, 59.954, 307.094 by changing the saturation by 10% instead.


 66, 59.954,
307.094


 66, 59.954,
307.094


 100, 59.954,
307.094


 56, 59.954,
307.094


 86, 59.954,
307.094

 46, 59.954,
307.094

 96, 59.954,
307.094

 36, 59.954,
307.094

 26, 59.954,
307.094

 16, 59.954,
307.094

 6, 59.954, 307.094

 0, 59.954, 307.094

66, 59.954,
307.094

66, 59.954,
307.094

59, 74.641,
307.861

73, 45.377,
306.350

52, 89.040,
308.593

80, 31.120,
305.658

47, 102.447,
309.198

88, 17.278,
305.029

41, 113.788,
309.535

95, 3.886, 304.455

38, 121.794,
309.445

100, 4.210,
109.845

36, 125.344,
309.136

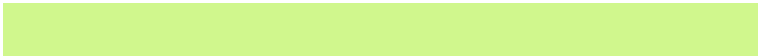
Harmonies

Complementary

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



66, 59.954, 307.094



92, 55.156, 122.064

Rectangle

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



66, 59.954, 307.094



66, 59.954, 357.094



66, 59.954, 127.094



66, 59.954, 177.094

Sweetspot

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



66, 59.953, 307.094



90, 17.809, 305.033



80, 28.088, 246.267



47, 12.507, 305.166



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, 59.953, 307.094



62, 75.240, 307.795



71, 64.118, 322.735



47, 7.488, 304.826



26, 101.249, 309.312



4, 41.083, 308.529

Inverse Universe

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



72, 51.532, 340.811



69, 63.055, 341.817



89, 63.486, 138.047



48, 6.764, 337.827



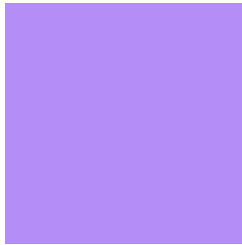
41, 70.053, 350.200



9, 32.010, 346.339

Previews

White Background



This preview shows how the CIELCh color 66, 59.954, 307.094 looks on a white background.

Color Contrast Check

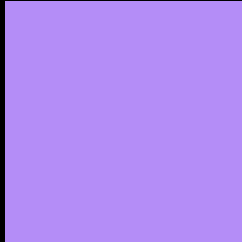
Large Text (above 18pt) WCAG AA × Fail

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, 59.954, 307.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

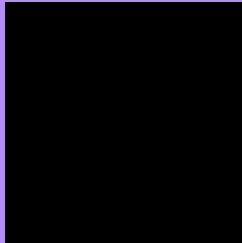
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 59.954, 307.094

Background



This preview shows how black text looks on a background with the CIELCh color 66, 59.954, 307.094.



This preview shows how white text looks on a background with the CIELCh color 66, 59.954, 307.094.

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
66, 7.187, 312.198

Trichromacy



Original Color
66, 59.954, 307.094

Protanomaly
66, 55.919, 293.679

Deuteranomaly
66, 50.421, 291.608

Tritanomaly
66, 26.428, 306.464

Monochromacy



Original Color
66, 59.954, 307.094

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 21.718, 305.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 59.954, 307.094 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(180, 141, 247)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 247)  
}
```

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(180, 141, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 59.954, 307.094 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(180, 141, 247) }
```

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

```
.border{ border-color:rgb(180, 141, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 141, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 141, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 141, 247);  
box-shadow:4px 4px 4px 4px rgb(180, 141,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 59.954, 307.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 247) }
```

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

```
.background{ background-color: rgb(180,  
141, 247) }
```

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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