

Converting Colors

CIELCh(68, 61.226, 307.051)

Have a look what the booklet for
CIELCh(68, 61.226, 307.051)
contains.

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Color

CIELCh(68, 60.707, 306.855)

Conversions

Conversions Part 1

Format	Color
Hex	B992FE
RGB	185, 146, 254
RGB Percent	73%, 57%, 100%
CMY	0.2750, 0.4279, 0.0044
CMYK	0.27, 0.43, 0.00, 0.00
HSL	262°, 98%, 78%
HSV	262°, 43%, 100%
XYZ	48.1116, 37.9720, 98.4594
YIQ	169.9730, -11.4240, 41.8560

Conversions

Conversions Part 2

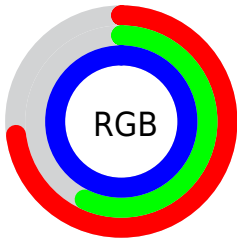
Format	Color
RYB	185, 146, 254
Decimal	12161790
CIELab	68.00, 36.41, -48.58
CIELCh	68, 60.707, 306.855
Yxy	37.9720, 0.2607, 0.2058
Android (android.graphics.Color)	4290351870 (0xFFB992FE)
YUV	169.9730, 41.4253, 13.1787
Hunter-Lab	61.6215, 31.5282, -51.5992

Details

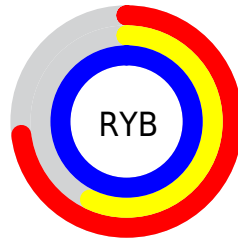
The CIELCh color $68, 60.707, 306.855$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 55.841, 121.813$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 32.515, 319.216$, and $48, 60.629, 306.707$ is the 20% darker color. If you saturate the color by 10%, you get $61, 75.755, 307.638$, and if you desaturate by 10%, it is $75, 45.792, 306.099$.

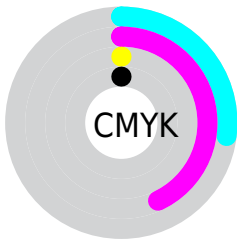
Distribution



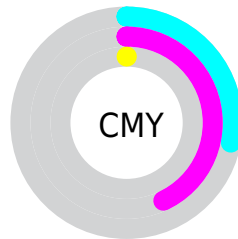
- Red (73%)
- Green (57%)
- Blue (100%)



- Red (73%)
- Yellow (57%)
- Blue (100%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 60.707, 306.855 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, 60.707, 306.855 by changing the saturation by 10% instead.

 68, 60.707,
306.855


 68, 60.707,
306.855


 100, 60.707,
306.855


 58, 60.707,
306.855


 88, 60.707,
306.855

 48, 60.707,
306.855

 98, 60.707,
306.855

 38, 60.707,
306.855

 28, 60.707,
306.855

 18, 60.707,
306.855

 8, 60.707, 306.855

 0, 60.707, 306.855

68, 60.707,
306.855

68, 60.707,
306.855

61, 75.755,
307.638

75, 45.792,
306.099

54, 90.542,
308.392

83, 31.219,
305.398

48, 104.356,
309.023

90, 17.079,
304.764

43, 116.100,
309.393

98, 3.403, 304.182

39, 124.454,
309.335

100, 0.556,
109.997

37, 128.299,
309.013

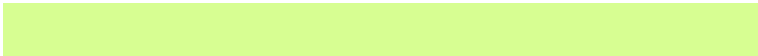
Harmonies

Complementary

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



68, 60.707, 306.855



95, 55.841, 121.813

Rectangle

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



68, 60.707, 306.855



68, 60.707, 356.855



68, 60.707, 126.855



68, 60.707, 176.855

Sweetspot

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



68, 60.706, 306.855



90, 17.790, 304.792



83, 28.215, 243.842



47, 12.495, 304.927



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, 60.706, 306.855



62, 73.713, 307.519



73, 64.801, 322.211



49, 7.736, 304.585



27, 103.467, 309.184



5, 44.852, 309.194

Inverse Universe

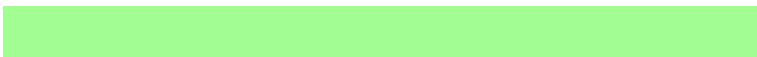
The Inverse Universe completely reimagines the original color for something new.



74, 52.477, 340.437



70, 62.243, 341.349



92, 64.040, 137.662



50, 7.028, 337.526



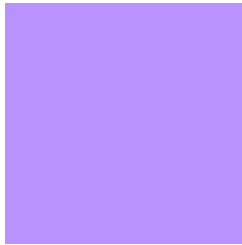
42, 71.704, 349.701



11, 33.815, 346.266

Previews

White Background



This preview shows how the CIELCh color 68, 60.707, 306.855 looks on a white background.

Color Contrast Check

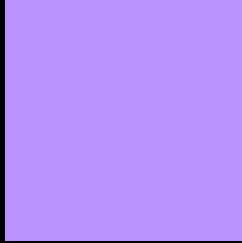
Large Text (above 18pt) WCAG AA × Fail

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, 60.707, 306.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

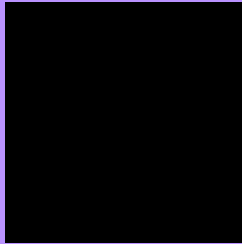
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 60.707, 306.855

Background



This preview shows how black text looks on a background with the CIELCh color 68, 60.707, 306.855.




This preview shows how white text looks on a background with the CIELCh color 68, 60.707, 306.855.

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, 7.662, 310.698

Trichromacy



Original Color
68, 60.707, 306.855

Protanomaly
68, 53.936, 293.568

Deuteranomaly
68, 51.229, 291.640

Tritanomaly
68, 26.815, 306.168

Monochromacy



Original Color
68, 60.707, 306.855

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 22.666, 304.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 60.707, 306.855 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(185, 146, 254)` looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 254)  
}
```

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(185, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 60.707, 306.855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

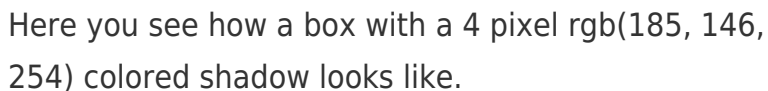
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 146, 254) }
```

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

```
.border{ border-color:rgb(185, 146, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 146, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 146, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 146, 254); box-shadow:4px 4px 4px 4px rgb(185, 146, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 60.707, 306.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 254) }
```

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

```
.background{ background-color: rgb(185,  
146, 254) }
```

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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