

Converting Colors

CIELCh(68, 61.388, 307.571)

Have a look what the booklet for
CIELCh(68, 61.388, 307.571)
contains.

CIELCh(68, 61.411, 307.643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 61.411, 307.643)

Conversions

Conversions Part 1

Format	Color
Hex	BB91FE
RGB	187, 145, 254
RGB Percent	73%, 57%, 100%
CMY	0.2666, 0.4314, 0.0039
CMYK	0.26, 0.43, 0.00, 0.00
HSL	263°, 98%, 78%
HSV	263°, 43%, 100%
XYZ	48.5091, 37.9720, 98.5390
YIQ	169.9840, -9.9570, 42.8030

Conversions

Conversions Part 2

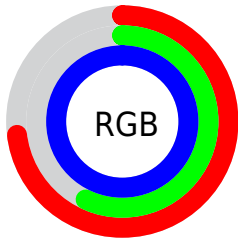
Format	Color
R _Y B	187, 145, 254
Decimal	12292606
CIE Lab	68.00, 37.51, -48.63
CIE LCh	68, 61.411, 307.643
Yxy	37.9720, 0.2622, 0.2052
Android (android.graphics.Color)	4290482686 (0xFFBB91FE)
YUV	169.9840, 41.4199, 14.9230
Hunter-Lab	61.6215, 32.6798, -51.6758

Details

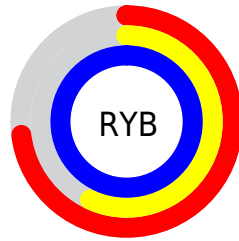
The CIELCh color `68, 61.411, 307.643` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `95, 56.639, 122.751`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 33.448, 320.443`, and `48, 61.308, 307.503` is the 20% darker color. If you saturate the color by 10%, you get `61, 76.413, 308.373`, and if you desaturate by 10%, it is `75, 46.491, 306.929`.

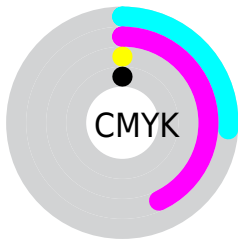
Distribution



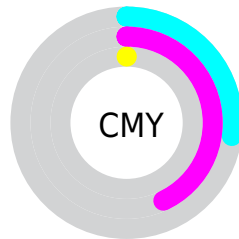
- Red (73%)
- Green (57%)
- Blue (100%)



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



- Cyan (26%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 61.411, 307.643 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, 61.411, 307.643 by changing the saturation by 10% instead.


 68, 61.411,
307.643

 68, 61.411,
307.643


 100, 61.411,
307.643


 58, 61.411,
307.643


 88, 61.411,
307.643

 48, 61.411,
307.643

 98, 61.411,
307.643

 38, 61.411,
307.643

 28, 61.411,
307.643

 18, 61.411,
307.643

 8, 61.411, 307.643

 0, 61.411, 307.643

68, 61.411,
307.643

68, 61.411,
307.643

61, 76.413,
308.373

75, 46.491,
306.929

54, 91.081,
309.061

83, 31.878,
306.260

48, 104.687,
309.615

90, 17.677,
305.650

43, 116.143,
309.899

97, 3.928, 305.089

39, 124.191,
309.757

100, 0.495,
109.985

37, 127.737,
309.407

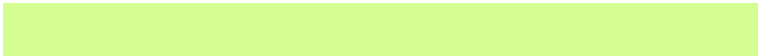
Harmonies

Complementary

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



68, 61.411, 307.643



95, 56.639, 122.751

Rectangle

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



68, 61.411, 307.643



68, 61.411, 357.643



68, 61.411, 127.643



68, 61.411, 177.643

Sweetspot

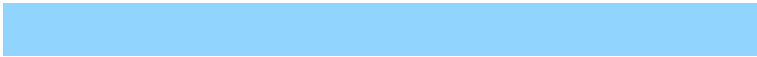
The Sweet Spot groups the original color and five complimentary colors.



68, 61.409, 307.643



90, 17.857, 305.655



82, 29.061, 248.575



47, 12.540, 305.785



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, 61.409, 307.643



63, 73.789, 308.235



74, 65.796, 323.243



49, 7.766, 305.456



27, 102.976, 309.585



5, 44.882, 309.812

Inverse Universe

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



74, 52.131, 341.701



70, 61.323, 342.625



92, 65.269, 138.450



50, 6.908, 338.632



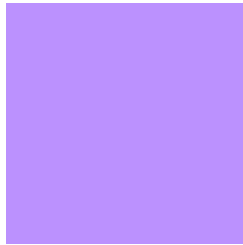
42, 70.834, 351.724



11, 33.390, 347.926

Previews

White Background



This preview shows how the CIELCh color 68, 61.411, 307.643 looks on a white background.

Color Contrast Check

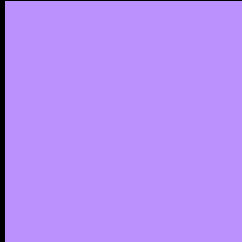
Large Text (above 18pt) WCAG AA × Fail

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, 61.411, 307.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

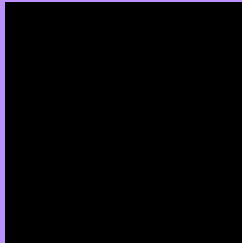
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 61.411, 307.643

Background



This preview shows how black text looks on a background with the CIELCh color 68, 61.411, 307.643.

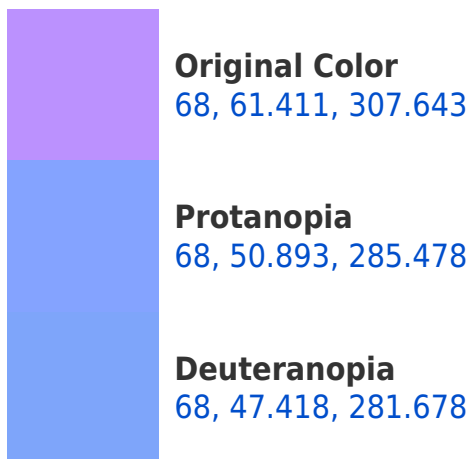


This preview shows how white text looks on a background with the CIELCh color 68, 61.411, 307.643.

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, 8.125, 318.176

Trichromacy



Original Color
68, 61.411, 307.643



Protanomaly
68, 54.522, 294.244



Deuteranomaly
68, 51.217, 291.946



Tritanomaly
68, 27.625, 308.065

Monochromacy



Original Color
68, 61.411, 307.643



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 22.744, 305.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 61.411, 307.643 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(187, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 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(187, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 61.411, 307.643 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(187, 145, 254) }
```

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

```
.border{ border-color:rgb(187, 145, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 145, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 145, 254);  
box-shadow:4px 4px 4px 4px rgb(187, 145,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 61.411, 307.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 254) }
```

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

```
.background{ background-color: rgb(187,  
145, 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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