

Converting Colors

CIELCh(69, 55.480, 305.408)

Have a look what the booklet for
CIELCh(69, 55.480, 305.408)
contains.

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Color

CIELCh(69, 55.959, 305.342)

Conversions

Conversions Part 1

Format	Color
Hex	B797FB
RGB	183, 151, 251
RGB Percent	72%, 59%, 98%
CMY	0.2809, 0.4065, 0.0142
CMYK	0.27, 0.40, 0.00, 0.01
HSL	259°, 93%, 79%
HSV	259°, 40%, 99%
XYZ	48.2089, 39.3444, 96.6314
YIQ	171.9680, -13.0280, 37.8840

Conversions

Conversions Part 2

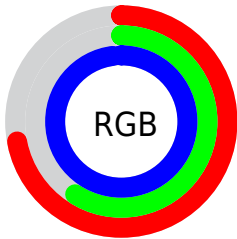
Format	Color
RYB	183, 151, 251
Decimal	12031995
CIELab	69.00, 32.37, -45.65
CIELCh	69, 55.959, 305.342
Yxy	39.3444, 0.2617, 0.2136
Android (android.graphics.Color)	4290222075 (0xFFB797FB)
YUV	171.9680, 38.9628, 9.6751
Hunter-Lab	62.7251, 27.4217, -47.4319

Details

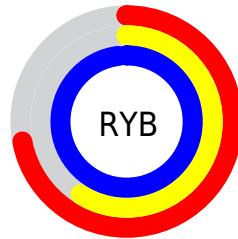
The CIELCh color `69, 55.959, 305.342` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `95, 51.538, 120.307`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 28.442, 317.004`, and `49, 55.747, 305.368` is the 20% darker color. If you saturate the color by 10%, you get `62, 70.940, 306.213`, and if you desaturate by 10%, it is `76, 41.241, 304.525`.

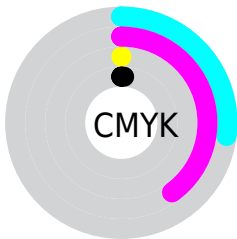
Distribution



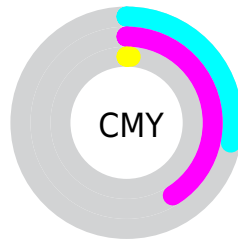
- Red (72%)
- Green (59%)
- Blue (98%)



- Red (72%)
- Yellow (59%)
- Blue (98%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (28%)
- Magenta (41%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 55.959, 305.342 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 69, 55.959, 305.342 by changing the saturation by 10% instead.


 69, 55.959,
305.342


 69, 55.959,
305.342


 100, 55.959,
305.342


 59, 55.959,
305.342


 89, 55.959,
305.342

 49, 55.959,
305.342

 99, 55.959,
305.342

 39, 55.959,
305.342

 29, 55.959,
305.342

 19, 55.959,
305.342

 9, 55.959, 305.342

 0, 55.959, 305.342

69, 55.959,
305.342

69, 55.959,
305.342

62, 70.940,
306.213

76, 41.241,
304.525

55, 85.876,
307.093

84, 26.935,
303.782

48, 100.170,
307.897

91, 13.098,
303.119

43, 112.814,
308.489

99, 0.260, 122.799

38, 122.435,
308.693

100, 1.826,
109.999

35, 128.195,
308.426

35, 128.298,
308.420

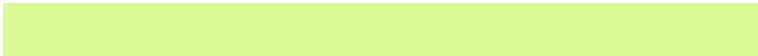
Harmonies

Complementary

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



69, 55.959, 305.342



95, 51.538, 120.307

Rectangle

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



69, 55.959, 305.342



69, 55.959, 355.342



69, 55.959, 125.342



69, 55.959, 175.342

Sweetspot

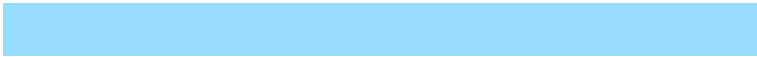
The Sweet Spot groups the original color and five complimentary colors.



69, 55.957, 305.342



91, 16.298, 303.260



84, 26.037, 238.520



47, 10.835, 303.344



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 55.957, 305.342



64, 69.044, 306.058



74, 59.873, 321.078



48, 7.562, 303.101



26, 103.207, 308.583



4, 42.889, 307.746

Inverse Universe

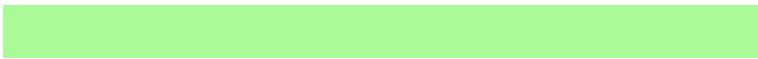
The Inverse Universe completely reimagines the original color for something new.



75, 50.172, 338.215



71, 60.497, 338.996



92, 58.968, 137.008



49, 7.117, 335.744



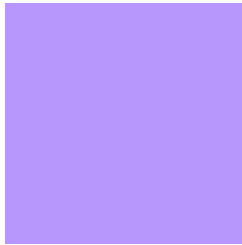
42, 72.676, 346.431



10, 33.736, 343.449

Previews

White Background



This preview shows how the CIELCh color 69, 55.959, 305.342 looks on a white background.

Color Contrast Check

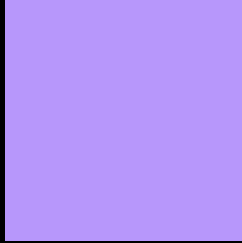
Large Text (above 18pt) WCAG AA × Fail

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 69, 55.959, 305.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

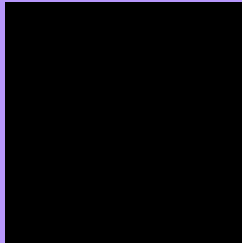
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 55.959, 305.342

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.959, 305.342.




This preview shows how white text looks on a background with the CIELCh color 69, 55.959, 305.342.

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
69, 7.249, 299.645

Trichromacy



Original Color
69, 55.959, 305.342

Protanomaly
69, 51.025, 292.790

Deuteranomaly
69, 48.346, 291.727

Tritanomaly
69, 25.344, 303.596

Monochromacy



Original Color
69, 55.959, 305.342

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 20.843, 303.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.959, 305.342 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(183, 151, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 251)  
}
```

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(183, 151, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.959, 305.342 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(183, 151, 251) }
```

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

```
.border{ border-color:rgb(183, 151, 251) }
```

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

Here you see how a box with a 4 pixel rgb(183, 151, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.959, 305.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 251) }
```

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

```
.background{ background-color: rgb(183,  
151, 251) }
```

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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