

Converting Colors

CIELCh(69, 50.414, 305.161)

Have a look what the booklet for
CIELCh(69, 50.414, 305.161)
contains.

CIELCh(69, 50.464, 305.173)	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(69, 50.464, 305.173)

Conversions

Conversions Part 1

Format	Color
Hex	B699F3
RGB	182, 153, 243
RGB Percent	71%, 60%, 95%
CMY	0.2851, 0.3989, 0.0459
CMYK	0.25, 0.37, 0.00, 0.05
HSL	259°, 79%, 78%
HSV	259°, 37%, 95%
XYZ	47.0218, 39.3444, 90.1508
YIQ	171.9310, -11.6060, 34.1380

Conversions

Conversions Part 2

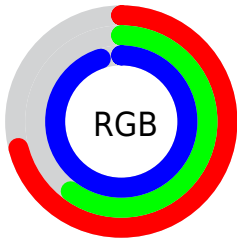
Format	Color
RYB	182, 153, 243
Decimal	11966963
CIELab	69.00, 29.07, -41.25
CIELCh	69, 50.464, 305.173
Yxy	39.3444, 0.2664, 0.2229
Android (android.graphics.Color)	4290157043 (0xFFB699F3)
YUV	171.9310, 35.0370, 8.8305
Hunter-Lab	62.7251, 24.0435, -41.3062

Details

The CIELCh color $69, 50.464, 305.173$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $92, 46.813, 120.551$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 26.913, 315.222$, and $49, 49.980, 305.046$ is the 20% darker color. If you saturate the color by 10%, you get $62, 64.999, 306.026$, and if you desaturate by 10%, it is $76, 36.234, 304.381$.

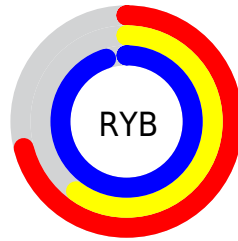
Distribution



Red (71%)

Green (60%)

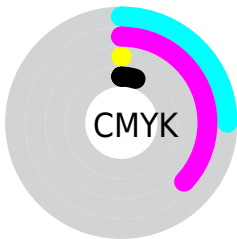
Blue (95%)



Red (71%)

Yellow (60%)

Blue (95%)

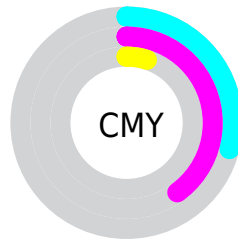


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (40%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 50.464, 305.173 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, 50.464, 305.173 by changing the saturation by 10% instead.

 69, 50.464,
305.173


 69, 50.464,
305.173


 100, 50.464,
305.173


 59, 50.464,
305.173


 89, 50.464,
305.173

 49, 50.464,
305.173

 99, 50.464,
305.173

 39, 50.464,
305.173

 29, 50.464,
305.173

 19, 50.464,
305.173

 9, 50.464, 305.173

 0, 50.464, 305.173

69, 50.464,
305.173

69, 50.464,
305.173

62, 64.999,
306.026

76, 36.234,
304.381

55, 79.598,
306.902

84, 22.426,
303.666

49, 93.770,
307.731

91, 9.078, 303.028

43, 106.666,
308.394

98, 3.806, 122.496

100, 5.919,
109.722

38, 117.032,
308.723

35, 123.603,
308.556

34, 125.091,
308.467

Harmonies

Complementary

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



69, 50.464, 305.173



92, 46.813, 120.551

Rectangle

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



69, 50.464, 305.173



69, 50.464, 355.173



69, 50.464, 125.173



69, 50.464, 175.173

Sweetspot

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



69, 50.462, 305.173



92, 14.919, 303.276



83, 23.798, 238.002



48, 10.048, 303.362



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, 50.462, 305.173



67, 62.978, 305.775



73, 54.281, 320.961



47, 7.438, 303.180



25, 102.115, 308.623



4, 40.922, 307.271

Inverse Universe

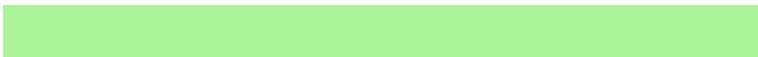
The Inverse Universe completely reimagines the original color for something new.



74, 45.480, 338.059



74, 55.751, 338.713



89, 53.500, 137.207



48, 6.986, 335.835



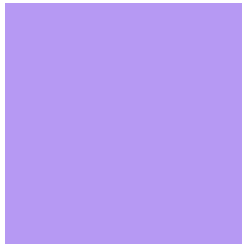
41, 71.861, 346.577



10, 32.825, 343.426

Previews

White Background



This preview shows how the CIELCh color 69, 50.464, 305.173 looks on a white background.

Color Contrast Check

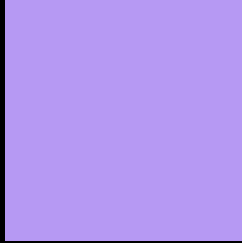
Large Text (above 18pt) WCAG AA × Fail

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, 50.464, 305.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

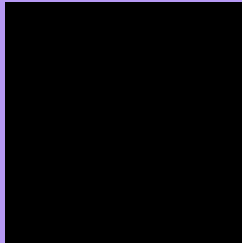
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 50.464, 305.173

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.464, 305.173.




This preview shows how white text looks on a background with the CIELCh color 69, 50.464, 305.173.

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, 7.864, 301.721

Trichromacy



Original Color
69, 50.464, 305.173

Protanomaly
69, 48.327, 292.398

Deuteranomaly
69, 43.941, 292.075

Tritanomaly
69, 23.667, 303.456

Monochromacy



Original Color
69, 50.464, 305.173

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.608, 304.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.464, 305.173 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(182, 153, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 153, 243)  
}
```

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(182, 153, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 153, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.464, 305.173 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(182, 153, 243) }
```

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

```
.border{ border-color:rgb(182, 153, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 153, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 153, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 153, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 153,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.464, 305.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 153, 243) }
```

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

```
.background{ background-color: rgb(182,  
153, 243) }
```

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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