

Converting Colors

CIELCh(69, 62.709, 317.028)

Have a look what the booklet for
CIELCh(69, 62.709, 317.028)
contains.

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Color

CIELCh(69, 62.756, 317.034)

Conversions

Conversions Part 1

Format	Color
Hex	D48BF6
RGB	212, 139, 246
RGB Percent	83%, 55%, 96%
CMY	0.1668, 0.4532, 0.0334
CMYK	0.14, 0.43, 0.00, 0.03
HSL	281°, 86%, 76%
HSV	281°, 43%, 97%
XYZ	53.2934, 39.3444, 92.3606
YIQ	173.0250, 9.1610, 48.7530

Conversions

Conversions Part 2

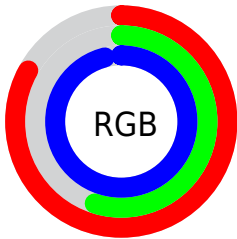
Format	Color
R _{YB}	212, 139, 246
Decimal	13929462
CIE _{Lab}	69.00, 45.92, -42.77
CIE _{LCh}	69, 62.756, 317.034
Yxy	39.3444, 0.2881, 0.2127
Android (android.graphics.Color)	4292119542 (0xFFD48BF6)
YUV	173.0250, 35.9767, 34.1811
Hunter-Lab	62.7251, 41.8907, -43.3950

Details

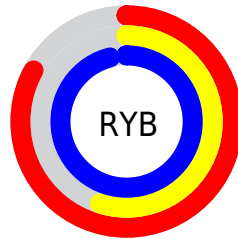
The CIELCh color `69, 62.756, 317.034` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `90, 60.605, 133.005`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 38.257, 325.753`, and `49, 62.431, 316.897` is the 20% darker color. If you saturate the color by 10%, you get `63, 76.770, 317.392`, and if you desaturate by 10%, it is `75, 48.237, 316.617`.

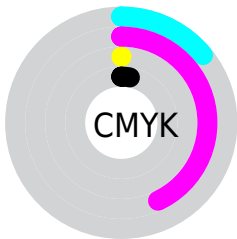
Distribution



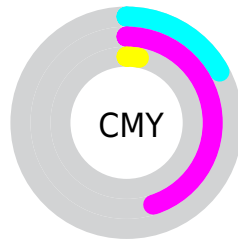
- Red (83%)
- Green (55%)
- Blue (96%)



- Red (83%)
- Yellow (55%)
- Blue (96%)



- Cyan (14%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)





- Cyan (17%)
- Magenta (45%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.756, 317.034 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, 62.756, 317.034 by changing the saturation by 10% instead.


 69, 62.756,
317.034


 69, 62.756,
317.034


 100, 62.756,
317.034


 59, 62.756,
317.034


 89, 62.756,
317.034

 49, 62.756,
317.034

 99, 62.756,
317.034

 39, 62.756,
317.034

 29, 62.756,
317.034

 19, 62.756,
317.034

 9, 62.756, 317.034

 0, 62.756, 317.034

69, 62.756,
317.034

69, 62.756,
317.034

63, 76.770,
317.392

75, 48.237,
316.617

58, 89.739,
317.642

82, 33.597,
316.174

53, 100.945,
317.722

88, 19.076,
315.729

50, 109.602,
317.560

95, 4.818, 315.271

47, 115.100,
317.090

100, 4.486,
125.203

46, 117.220,
316.635

100, 4.309,
109.838

Harmonies

Complementary

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



69, 62.756, 317.034



90, 60.605, 133.005

Rectangle

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



69, 62.756, 317.034



69, 62.756, 7.034



69, 62.756, 137.034



69, 62.756, 187.034

Sweetspot

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



69, 62.754, 317.034



91, 18.979, 315.711



72, 39.770, 278.735



47, 13.311, 315.809



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, 62.754, 317.034



66, 76.905, 317.349



72, 59.460, 332.154



48, 7.997, 315.554



34, 94.846, 316.806



7, 41.606, 318.018

Inverse Universe

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



70, 44.426, 0.204



68, 54.596, 1.921



89, 59.491, 145.724



48, 5.528, 355.593



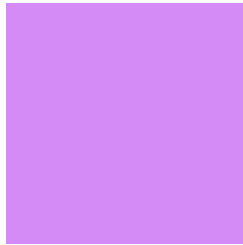
39, 68.675, 19.530



9, 29.645, 10.064

Previews

White Background



This preview shows how the CIELCh color 69, 62.756, 317.034 looks on a white background.

Color Contrast Check

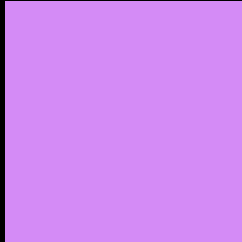
Large Text (above 18pt) WCAG AA × Fail

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, 62.756, 317.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

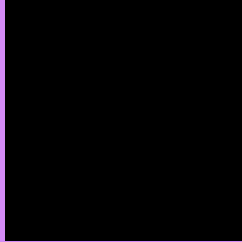
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 62.756, 317.034

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.756, 317.034.

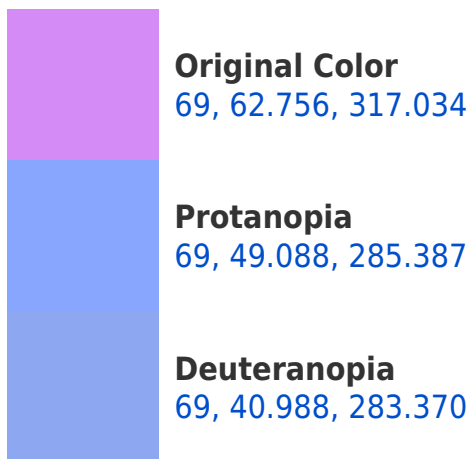


This preview shows how white text looks on a background with the CIELCh color 69, 62.756, 317.034.

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, 18.205, 0.135

Trichromacy



Original Color
69, 62.756, 317.034



Protanomaly
69, 52.933, 297.777



Deuteranomaly
69, 47.515, 298.410



Tritanomaly
69, 31.891, 330.372

Monochromacy



Original Color
69, 62.756, 317.034



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 23.433, 315.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.756, 317.034 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(212, 139, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 139, 246)  
}
```

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(212, 139, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 139, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.756, 317.034 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(212, 139, 246) }
```

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

```
.border{ border-color:rgb(212, 139, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 139, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 139, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 139, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 139,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.756, 317.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 139, 246) }
```

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

```
.background{ background-color: rgb(212,  
139, 246) }
```

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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