

Converting Colors

CIELCh(70, 63.746, 314.595)

Have a look what the booklet for
CIELCh(70, 63.746, 314.595)
contains.

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Color

CIELCh(70, 63.396, 314.437)

Conversions

Conversions Part 1

Format	Color
Hex	D290FE
RGB	210, 144, 254
RGB Percent	82%, 56%, 100%
CMY	0.1769, 0.4357, 0.0044
CMYK	0.17, 0.43, 0.00, 0.00
HSL	276°, 98%, 78%
HSV	276°, 43%, 100%
XYZ	54.3760, 40.7494, 98.6723
YIQ	176.2740, 4.0260, 48.2020

Conversions

Conversions Part 2

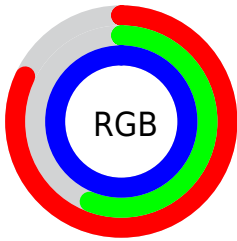
Format	Color
R _Y B	210, 144, 254
Decimal	13799678
CIE Lab	70.00, 44.39, -45.27
CIE LCh	70, 63.396, 314.437
Yxy	40.7494, 0.2806, 0.2103
Android (android.graphics.Color)	4291989758 (0xFFD290FE)
YUV	176.2740, 38.3189, 29.5777
Hunter-Lab	63.8353, 40.3377, -46.9618

Details

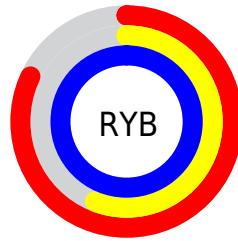
The CIELCh color **70, 63.396, 314.437** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93, 60.443, 130.433**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 35.124, 325.645**, and **50, 63.320, 314.233** is the 20% darker color. If you saturate the color by 10%, you get **64, 77.921, 314.848**, and if you desaturate by 10%, it is **77, 48.528, 313.978**.

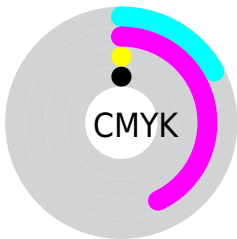
Distribution



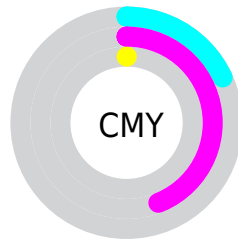
- Red (82%)
- Green (56%)
- Blue (100%)



- Red (82%)
- Yellow (56%)
- Blue (100%)



- Cyan (17%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 63.396, 314.437 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 70, 63.396, 314.437 by changing the saturation by 10% instead.


 70, 63.396,
314.437


 70, 63.396,
314.437


 100, 63.396,
314.437


 60, 63.396,
314.437


 90, 63.396,
314.437

 50, 63.396,
314.437

 40, 63.396,
314.437

 30, 63.396,
314.437

 20, 63.396,
314.437

 10, 63.396,
314.437

 0, 63.396, 314.437

70, 63.396,
314.437

70, 63.396,
314.437

64, 77.921,
314.848

77, 48.528,
313.978

58, 91.580,
315.159

83, 33.666,
313.506

53, 103.629,
315.296

90, 19.013,
313.044

49, 113.174,
315.169

97, 4.686, 312.582

46, 119.433,
314.690

100, 0.552,
109.996

44, 121.944,
314.195

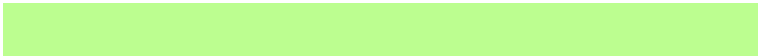
Harmonies

Complementary

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



70, 63.396, 314.437



93, 60.443, 130.433

Rectangle

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



70, 63.396, 314.437



70, 63.396, 4.437



70, 63.396, 134.437



70, 63.396, 184.437

Sweetspot

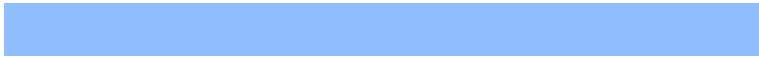
The Sweet Spot groups the original color and five complimentary colors.



70, 63.394, 314.437



91, 18.613, 313.030



76, 36.413, 271.742



47, 13.059, 313.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 63.394, 314.437



65, 76.307, 314.799



75, 64.283, 329.275



49, 8.105, 312.871



33, 98.402, 314.382



7, 44.665, 315.667

Inverse Universe

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



73, 46.798, 354.481



68, 55.984, 356.020



91, 64.479, 143.246



50, 5.988, 350.233



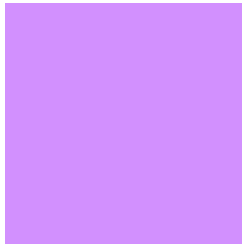
41, 68.326, 11.807



10, 31.301, 4.788

Previews

White Background



This preview shows how the CIELCh color 70, 63.396, 314.437 looks on a white background.

Color Contrast Check

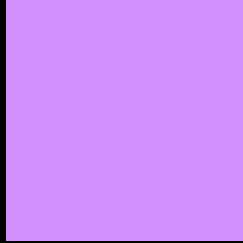
Large Text (above 18pt) WCAG AA × Fail

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 70, 63.396, 314.437 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 70, 63.396, 314.437

Background



This preview shows how black text looks on a background with the CIELCh color 70, 63.396, 314.437.



This preview shows how white text looks on a background with the CIELCh color 70, 63.396, 314.437.

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



Original Color

70, 63.396, 314.437

Protanopia

70, 47.324, 285.028

Deuteranopia

70, 43.666, 282.922



Tritanopia
70, 14.892, 354.781

Trichromacy



Original Color
70, 63.396, 314.437



Protanomaly
70, 52.157, 297.039



Deuteranomaly
70, 49.398, 296.244

Tritanomaly
70, 31.242, 325.134

Monochromacy



Original Color
70, 63.396, 314.437



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 23.599, 313.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 63.396, 314.437 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(210, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 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(210, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 63.396, 314.437 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(210, 144, 254) }
```

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

```
.border{ border-color:rgb(210, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 63.396, 314.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 254) }
```

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

```
.background{ background-color: rgb(210,  
144, 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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