

Converting Colors

CIELCh(73, 56.253, 315.807)

Have a look what the booklet for
CIELCh(73, 56.253, 315.807)
contains.

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Color

CIELCh(73, 55.847, 315.999)

Conversions

Conversions Part 1

Format	Color
Hex	DA9BFB
RGB	218, 155, 251
RGB Percent	85%, 61%, 98%
CMY	0.1462, 0.3932, 0.0168
CMYK	0.13, 0.38, 0.00, 0.02
HSL	279°, 92%, 80%
HSV	279°, 38%, 98%
XYZ	57.8748, 45.1644, 96.6998
YIQ	184.7810, 6.7320, 43.2120

Conversions

Conversions Part 2

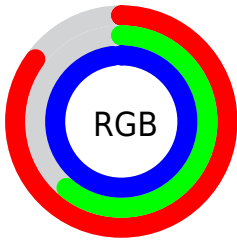
Format	Color
R _{YB}	218, 155, 251
Decimal	14326779
CIE _{Lab}	73.00, 40.17, -38.80
CIE _{LCh}	73, 55.847, 315.999
Y _{xy}	45.1644, 0.2898, 0.2261
Android (android.graphics.Color)	4292516859 (0xFFDA9BFB)
YUV	184.7810, 32.6460, 29.1331
Hunter-Lab	67.2044, 36.1120, -38.2687

Details

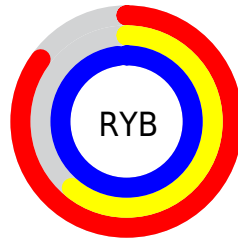
The CIELCh color **73, 55.847, 315.999** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93, 53.960, 132.482**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **53, 56.148, 316.218** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.395, 316.404**, and if you desaturate by 10%, it is **79, 41.050, 315.557**.

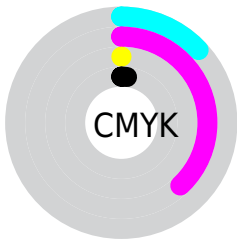
Distribution



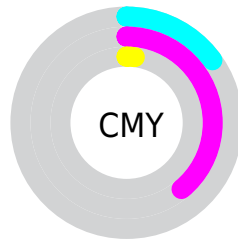
- Red (85%)
- Green (61%)
- Blue (98%)



- Red (85%)
- Yellow (61%)
- Blue (98%)



- Cyan (13%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (39%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 55.847, 315.999 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 73, 55.847, 315.999 by changing the saturation by 10% instead.


 73, 55.847,
315.999

 73, 55.847,
315.999


 100, 55.847,
315.999


 63, 55.847,
315.999


 93, 55.847,
315.999

 53, 55.847,
315.999

 43, 55.847,
315.999

 33, 55.847,
315.999

 23, 55.847,
315.999

 13, 55.847,
315.999

 3, 55.847, 315.999

■ 0, 55.847, 315.999

■ 73, 55.847,
315.999

■ 73, 55.847,
315.999

■ 67, 70.395,
316.404

■ 79, 41.050,
315.557

■ 61, 84.249,
316.730

■ 86, 26.304,
315.106

■ 56, 96.767,
316.919

■ 93, 11.786,
314.660

■ 52, 107.152,
316.898

■ 100, 2.385,
134.274

■ 48, 114.612,
316.589

■ 100, 2.161,
109.981

■ 46, 118.805,
315.948

■ 45,119.370,
315.825

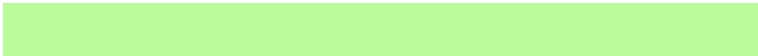
Harmonies

Complementary

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



73, 55.847, 315.999



93, 53.960, 132.482

Rectangle

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



73, 55.847, 315.999



73, 55.847, 5.999



73, 55.847, 135.999



73, 55.847, 185.999

Sweetspot

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



73, 55.845, 315.999



92, 15.922, 314.781



76, 34.639, 276.251



48, 10.714, 314.842



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 55.845, 315.999



69, 68.046, 316.318



76, 54.114, 331.219



49, 8.080, 314.714



34, 96.304, 316.003



7, 43.078, 317.267

Inverse Universe

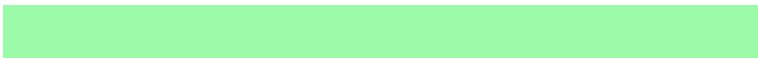
The Inverse Universe completely reimagines the original color for something new.



74, 39.990, 357.498



71, 48.778, 358.828



91, 54.078, 145.767



49, 5.702, 353.840



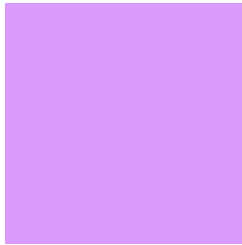
40, 68.676, 17.152



9, 30.473, 8.924

Previews

White Background



This preview shows how the CIELCh color 73, 55.847, 315.999 looks on a white background.

Color Contrast Check

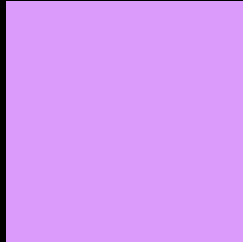
Large Text (above 18pt) WCAG AA × Fail

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 73, 55.847, 315.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

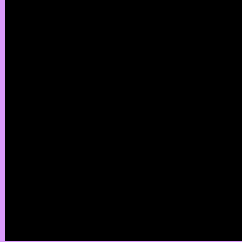
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 55.847, 315.999

Background



This preview shows how black text looks on a background with the CIELCh color 73, 55.847, 315.999.



This preview shows how white text looks on a background with the CIELCh color 73, 55.847, 315.999.

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
73, 16.031, 354.904

Trichromacy



Original Color
73, 55.847, 315.999



Protanomaly
73, 45.828, 297.457



Deuteranomaly
73, 43.210, 298.707



Tritanomaly
73, 28.837, 328.097

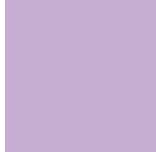
Monochromacy



Original Color
73, 55.847, 315.999



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 20.756, 315.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 55.847, 315.999 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(218, 155, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 155, 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(218, 155, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 155, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 55.847, 315.999 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(218, 155, 251) }
```

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

```
.border{ border-color:rgb(218, 155, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 155, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 155, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 155, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 155,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 55.847, 315.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 155, 251) }
```

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

```
.background{ background-color: rgb(218,  
155, 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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