

Converting Colors

CIELCh(75, 52.267, 315.868)

Have a look what the booklet for
CIELCh(75, 52.267, 315.868)
contains.

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Color

CIELCh(75, 52.267, 315.868)

Conversions

Conversions Part 1

Format	Color
Hex	DDA2FC
RGB	221, 162, 252
RGB Percent	87%, 64%, 99%
CMY	0.1331, 0.3644, 0.0115
CMYK	0.12, 0.36, 0.00, 0.01
HSL	279°, 94%, 81%
HSV	279°, 36%, 99%
XYZ	60.3521, 48.2781, 98.2887
YIQ	189.9010, 6.2740, 40.4980

Conversions

Conversions Part 2

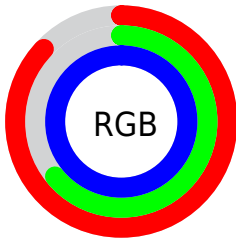
Format	Color
R _Y B	221, 162, 252
Decimal	14525180
CIE Lab	75.00, 37.51, -36.39
CIE LCh	75, 52.267, 315.868
Yxy	48.2781, 0.2917, 0.2333
Android (android.graphics.Color)	4292715260 (0xFFDDA2FC)
YUV	189.9010, 30.6148, 27.2738
Hunter-Lab	69.4824, 33.4499, -35.2329

Details

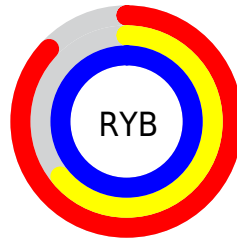
The CIELCh color $75, 52.267, 315.868$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $93, 50.614, 132.600$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.170, 325.231$, and $55, 52.454, 316.056$ is the 20% darker color. If you saturate the color by 10%, you get $69, 66.978, 316.286$, and if you desaturate by 10%, it is $82, 37.396, 315.421$.

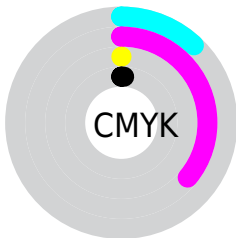
Distribution



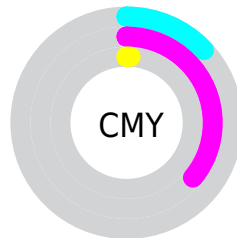
- Red (87%)
- Green (64%)
- Blue (99%)



- Red (87%)
- Yellow (64%)
- Blue (99%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (1%)





- Cyan (13%)
- Magenta (36%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 52.267, 315.868 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 75, 52.267, 315.868 by changing the saturation by 10% instead.

 75, 52.267,
315.868

 75, 52.267,
315.868

 100, 52.267,
315.868

 65, 52.267,
315.868


 95, 52.267,
315.868

 55, 52.267,
315.868

 45, 52.267,
315.868

 35, 52.267,
315.868

 25, 52.267,
315.868

 15, 52.267,
315.868

 5, 52.267, 315.868

■ 0, 52.267, 315.868

■ 75, 52.267,
315.868

■ 75, 52.267,
315.868

■ 69, 66.978,
316.286

■ 82, 37.396,
315.421

■ 63, 81.127,
316.638

■ 88, 22.633,
314.971

■ 57, 94.117,
316.869

■ 95, 8.131, 314.523

■ 53, 105.180,
316.910

■ 100, 1.476,
110.015

■ 49, 113.491,
316.681

■ 47, 118.479,
316.118

■ 46,119.874,
315.804

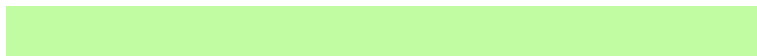
Harmonies

Complementary

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



75, 52.267, 315.868



93, 50.614, 132.600

Rectangle

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



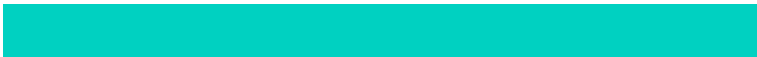
75, 52.267, 315.868



75, 52.267, 5.868



75, 52.267, 135.868



75, 52.267, 185.868

Sweetspot

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



75, 52.265, 315.868



92, 15.920, 314.761



78, 32.389, 275.684



48, 10.713, 314.822



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 52.265, 315.868



71, 63.628, 316.179



78, 50.820, 331.054



49, 8.079, 314.694



34, 96.316, 315.985



7, 43.080, 317.249

Inverse Universe

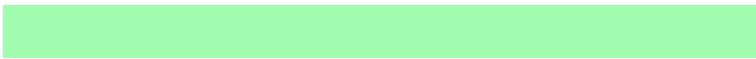
The Inverse Universe completely reimagines the original color for something new.



76, 37.414, 357.057



73, 45.615, 358.245



92, 50.751, 146.035



49, 5.704, 353.799



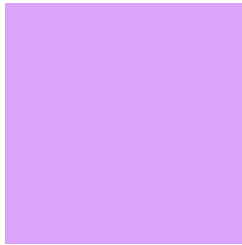
40, 68.661, 17.093



9, 30.472, 8.878

Previews

White Background



This preview shows how the CIELCh color 75, 52.267, 315.868 looks on a white background.

Color Contrast Check

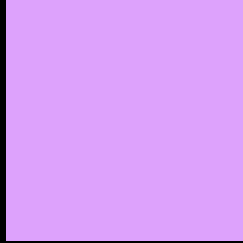
Large Text (above 18pt) WCAG AA × Fail

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 75, 52.267, 315.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

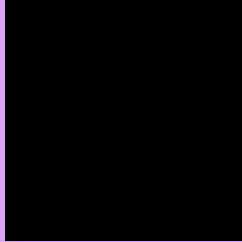
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 52.267, 315.868

Background



This preview shows how black text looks on a background with the CIELCh color 75, 52.267, 315.868.

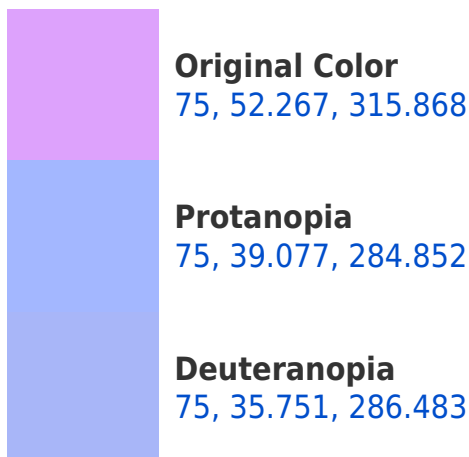


This preview shows how white text looks on a background with the CIELCh color 75, 52.267, 315.868.

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
75, 15.483, 351.709

Trichromacy



Original Color
75, 52.267, 315.868



Protanomaly
75, 42.909, 297.790



Deuteranomaly
75, 40.318, 299.219



Tritanomaly
75, 27.859, 327.464

Monochromacy



Original Color
75, 52.267, 315.868



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 19.381, 314.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 52.267, 315.868 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(221, 162, 252)` looks like.

```
.text, #text, p{  
    color:rgb(221, 162, 252)  
}
```

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(221, 162, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 162, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 52.267, 315.868 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(221, 162, 252) }
```

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

```
.border{ border-color:rgb(221, 162, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 162, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 162, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 162, 252);  
box-shadow:4px 4px 4px 4px rgb(221, 162,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 52.267, 315.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 162, 252) }
```

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

```
.background{ background-color: rgb(221,  
162, 252) }
```

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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