

Converting Colors

CIELCh(75, 39.992, 289.450)

Have a look what the booklet for
CIELCh(75, 39.992, 289.450)
contains.

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Color

CIELCh(75, 39.992, 289.450)

Conversions

Conversions Part 1

Format	Color
Hex	AAB4FE
RGB	170, 180, 254
RGB Percent	67%, 71%, 100%
CMY	0.3338, 0.2945, 0.0044
CMYK	0.33, 0.29, 0.00, 0.00
HSL	233°, 97%, 83%
HSV	233°, 33%, 100%
XYZ	50.7210, 48.2781, 100.3092
YIQ	185.4460, -29.7140, 20.8940

Conversions

Conversions Part 2

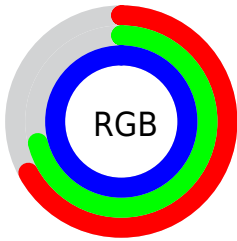
Format	Color
R _Y B	170, 179, 254
Decimal	11187454
CIE Lab	75.00, 13.32, -37.71
CIE LCh	75, 39.992, 289.450
Yxy	48.2781, 0.2545, 0.2422
Android (android.graphics.Color)	4289377534 (0xFFAAB4FE)
YUV	185.4460, 33.7971, -13.5461
Hunter-Lab	69.4824, 8.7076, -36.9570

Details

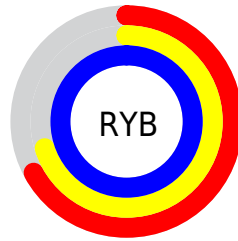
The CIELCh color `75, 39.992, 289.450` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `95, 37.640, 101.235`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.205, 273.550`, and `55, 40.239, 289.655` is the 20% darker color. If you saturate the color by 10%, you get `68, 53.093, 291.377`, and if you desaturate by 10%, it is `82, 27.390, 287.801`.

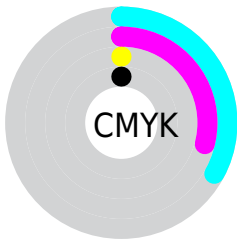
Distribution



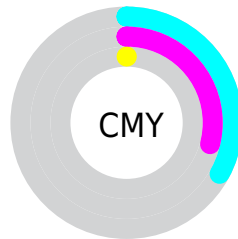
- Red (67%)
- Green (71%)
- Blue (100%)



- Red (67%)
- Yellow (70%)
- Blue (100%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.992, 289.450 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, 39.992, 289.450 by changing the saturation by 10% instead.


 75, 39.992,
289.450


 75, 39.992,
289.450


 100, 39.992,
289.450


 65, 39.992,
289.450


 95, 39.992,
289.450

 55, 39.992,
289.450

 45, 39.992,
289.450

 35, 39.992,
289.450

 25, 39.992,
289.450

 15, 39.992,
289.450

 5, 39.992, 289.450

■ 0, 39.992, 289.450

■ 75, 39.992,
289.450

■ 75, 39.992,
289.450

■ 68, 53.093,
291.377

■ 82, 27.390,
287.801

■ 60, 66.714,
293.598

■ 90, 15.253,
286.399

■ 53, 80.796,
296.090

■ 97, 3.541, 285.232

■ 47, 95.070,
298.757

■ 100, 0.557,
109.997

■ 41, 108.832,
301.397

■ 36, 120.732,
303.708

■ 34, 126.985,
304.923

Harmonies

Complementary

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



75, 39.992, 289.450



95, 37.640, 101.235

Rectangle

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



75, 39.992, 289.450



75, 39.992, 339.450



75, 39.992, 109.450



75, 39.992, 159.450

Sweetspot

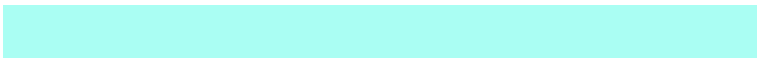
The Sweet Spot groups the original color and five complimentary colors.



75, 39.991, 289.450



93, 11.639, 286.013



94, 27.856, 185.645



48, 7.960, 286.186



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, 39.991, 289.450



70, 49.174, 290.753



75, 46.630, 306.324



49, 6.612, 285.952



25, 101.574, 304.631



5, 40.339, 299.564

Inverse Universe

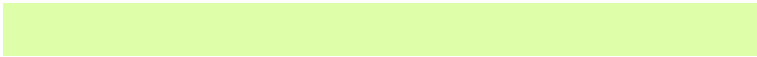
The Inverse Universe completely reimagines the original color for something new.



78, 33.024, 13.272



74, 40.758, 14.434



96, 43.840, 122.518



50, 5.308, 10.363



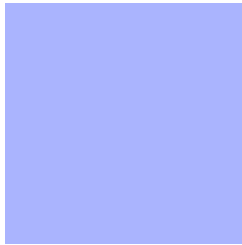
40, 79.046, 34.935



10, 32.474, 22.320

Previews

White Background



This preview shows how the CIELCh color 75, 39.992, 289.450 looks on a white background.

Color Contrast Check

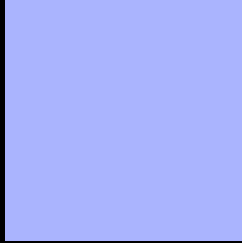
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 39.992, 289.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

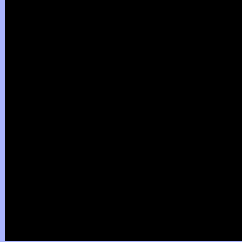
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.992, 289.450

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.992, 289.450.



This preview shows how white text looks on a background with the CIELCh color 75, 39.992, 289.450.

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

75, 39.992, 289.450

Protanopia

75, 39.640, 285.066

Deuteranopia

75, 38.552, 285.113



Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 39.992, 289.450

Protanomaly
75, 40.084, 286.912

Deuteranomaly
75, 38.997, 287.022

Tritanomaly
75, 20.616, 270.444

Monochromacy



Original Color
75, 39.992, 289.450

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.608, 287.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.992, 289.450 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(170, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 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(170, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.992, 289.450 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(170, 180, 254) }
```

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

```
.border{ border-color:rgb(170, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.992, 289.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 254) }
```

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

```
.background{ background-color: rgb(170,  
180, 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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