

Converting Colors

CIELCh(75, 55.661, 317.840)

Have a look what the booklet for
CIELCh(75, 55.661, 317.840)
contains.

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Color

CIELCh(75, 55.708, 317.845)

Conversions

Conversions Part 1

Format	Color
Hex	E39FFE
RGB	227, 159, 254
RGB Percent	89%, 62%, 100%
CMY	0.1098, 0.3765, 0.0039
CMYK	0.11, 0.37, 0.00, 0.00
HSL	283°, 98%, 81%
HSV	283°, 37%, 100%
XYZ	61.9604, 48.2781, 99.8122
YIQ	190.1620, 10.0330, 43.9610

Conversions

Conversions Part 2

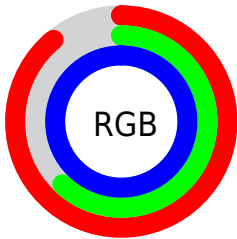
Format	Color
R_{YB}	227, 159, 254
Decimal	14917630
CIE _{Lab}	75.00, 41.30, -37.39
CIE _{LCh}	75, 55.708, 317.845
Yxy	48.2781, 0.2950, 0.2298
Android (android.graphics.Color)	4293107710 (0xFFE39FFE)
YUV	190.1620, 31.4721, 32.3069
Hunter-Lab	69.4824, 37.5817, -36.5329

Details

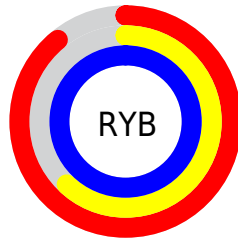
The CIELCh color **75, 55.708, 317.845** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93, 54.269, 134.337**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.059, 325.297**, and **55, 55.783, 317.775** is the 20% darker color. If you saturate the color by 10%, you get **69, 70.408, 318.234**, and if you desaturate by 10%, it is **81, 40.678, 317.415**.

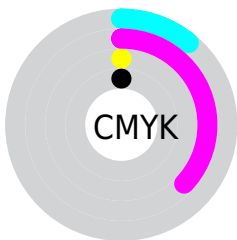
Distribution



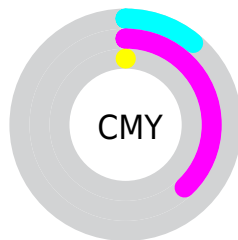
- Red (89%)
- Green (62%)
- Blue (100%)



- Red (89%)
- Yellow (62%)
- Blue (100%)



- Cyan (11%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 55.708, 317.845 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, 55.708, 317.845 by changing the saturation by 10% instead.


 75, 55.708,
317.845


 75, 55.708,
317.845


 100, 55.708,
317.845


 65, 55.708,
317.845


 95, 55.708,
317.845

 55, 55.708,
317.845

 45, 55.708,
317.845

 35, 55.708,
317.845

 25, 55.708,
317.845

 15, 55.708,
317.845

 5, 55.708, 317.845

■ 0, 55.708, 317.845

■ 75, 55.708,
317.845

■ 75, 55.708,
317.845

■ 69, 70.408,
318.234

■ 81, 40.678,
317.415

■ 63, 84.313,
318.543

■ 88, 25.643,
316.970

■ 58, 96.780,
318.721

■ 95, 10.800,
316.523

■ 54, 107.039,
318.706

100, 0.499,
109.986

■ 51, 114.363,
318.433

■ 49, 118.413,
317.862

■ 48, 119.166,
317.688

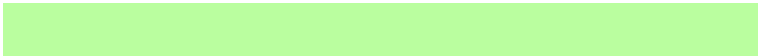
Harmonies

Complementary

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



75, 55.708, 317.845



93, 54.269, 134.337

Rectangle

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



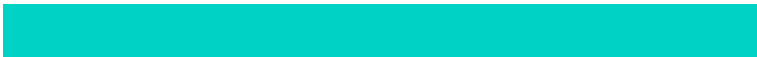
75, 55.708, 317.845



75, 55.708, 7.845



75, 55.708, 137.845



75, 55.708, 187.845

Sweetspot

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



75, 55.706, 317.845



93, 16.163, 316.685



76, 36.440, 279.812



48, 10.875, 316.745



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, 55.706, 317.845



71, 67.145, 318.146



77, 51.685, 332.992



50, 8.341, 316.618



36, 96.185, 317.845



8, 43.987, 318.969

Inverse Universe

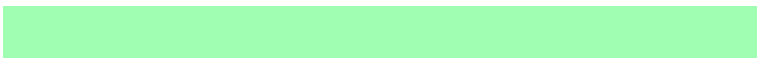
The Inverse Universe completely reimagines the original color for something new.



76, 38.669, 1.584



72, 46.921, 2.945



92, 51.514, 147.465



50, 5.623, 357.918



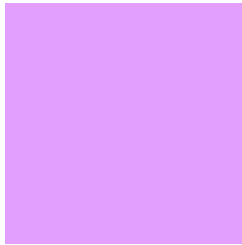
40, 71.248, 22.674



10, 31.529, 13.827

Previews

White Background



This preview shows how the CIELCh color 75, 55.708, 317.845 looks on a white background.

Color Contrast Check

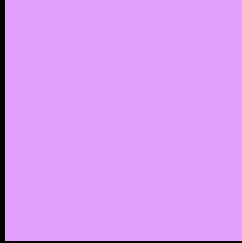
Large Text (above 18pt) WCAG AA × Fail

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, 55.708, 317.845 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, 55.708, 317.845

Background



This preview shows how black text looks on a background with the CIELCh color 75, 55.708, 317.845.

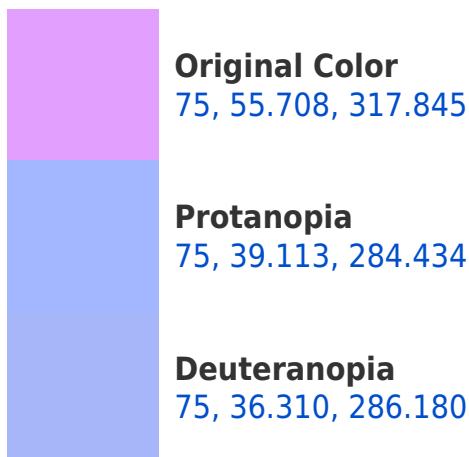


This preview shows how white text looks on a background with the CIELCh color 75, 55.708, 317.845.

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, 18.063, 358.338

Trichromacy



Original Color
75, 55.708, 317.845



Protanomaly
75, 44.085, 298.994



Deuteranomaly
75, 42.048, 300.411

Tritanomaly
75, 30.010, 331.641

Monochromacy



Original Color
75, 55.708, 317.845



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 20.313, 316.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 55.708, 317.845 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(227, 159, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 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(227, 159, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 55.708, 317.845 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(227, 159, 254) }
```

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

```
.border{ border-color:rgb(227, 159, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 55.708, 317.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 254) }
```

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

```
.background{ background-color: rgb(227,  
159, 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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