

Converting Colors

CIELCh(89, 17.295, 293.455)

Have a look what the booklet for
CIELCh(89, 17.295, 293.455)
contains.

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Color

CIElCh(89, 17.220, 292.695)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDFE
RGB	222, 221, 254
RGB Percent	87%, 87%, 100%
CMY	0.1306, 0.1345, 0.0052
CMYK	0.13, 0.13, 0.00, 0.01
HSL	242°, 93%, 93%
HSV	242°, 13%, 99%
XYZ	73.6410, 74.1641, 103.9315
YIQ	225.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

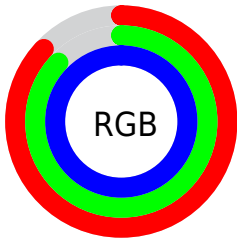
Format	Color
R _Y B	222, 221, 254
Decimal	14605822
CIE Lab	89.00, 6.64, -15.89
CIE LCh	89, 17.220, 292.695
Yxy	74.1641, 0.2925, 0.2946
Android (android.graphics.Color)	4292795902 (0xFFDEDDFE)
YUV	225.0610, 14.2669, -2.6845
Hunter-Lab	86.1186, 1.9298, -11.2706

Details

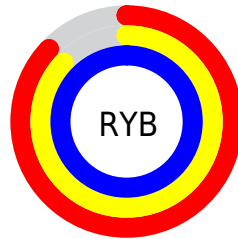
The CIELCh color **89, 17.220, 292.695** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **99, 16.709, 110.162**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 17.056, 293.055** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.095, 293.917**, and if you desaturate by 10%, it is **97, 3.906, 291.663**.

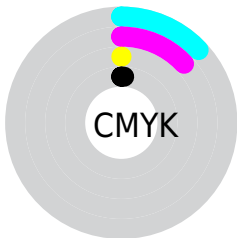
Distribution



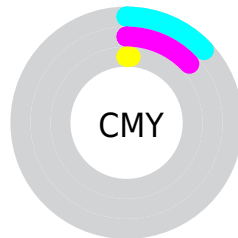
- Red (87%)
- Green (87%)
- Blue (100%)



- Red (87%)
- Yellow (87%)
- Blue (100%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 17.220, 292.695 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 89, 17.220, 292.695 by changing the saturation by 10% instead.


 89, 17.220,
292.695


 89, 17.220,
292.695


 100, 17.220,
292.695

 79, 17.220,
292.695

 69, 17.220,
292.695

 59, 17.220,
292.695

 49, 17.220,
292.695

 39, 17.220,
292.695

 29, 17.220,
292.695

 19, 17.220,

292.695

■ 9, 17.220, 292.695

■ 0, 17.220, 292.695

■ 89, 17.220,
292.695

■ 89, 17.220,
292.695

■ 81, 31.095,
293.917

■ 97, 3.906, 291.663

■ 73, 45.575,
295.356

100, 0.657,
110.011

■ 65, 60.669,
297.026

■ 57, 76.305,
298.919

■ 49, 92.194,

300.969

■ 42, 107.565,
303.017

■ 37, 120.849,
304.783

■ 33, 129.832,
305.930

■ 32, 133.160,
306.347

Harmonies

Complementary

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



89, 17.220, 292.695



99, 16.709, 110.162

Rectangle

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



89, 17.220, 292.695



89, 17.220, 342.695



89, 17.220, 112.695



89, 17.220, 162.695

Sweetspot

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



89, 17.218, 292.692



97, 5.230, 291.756



97, 10.969, 200.246



51, 3.721, 291.827



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 17.218, 292.692



87, 21.405, 293.039



90, 18.213, 310.229



49, 7.507, 292.310



23, 107.630, 306.372



3, 44.201, 302.371

Inverse Universe

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



92, 20.247, 325.969



90, 25.047, 326.141



98, 17.898, 129.076



50, 8.873, 325.766



45, 90.903, 329.471



12, 41.939, 329.318

Previews

White Background



This preview shows how the CIELCh color 89, 17.220, 292.695 looks on a white background.

Color Contrast Check

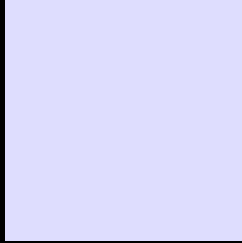
Large Text (above 18pt) WCAG AA × Fail

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 89, 17.220, 292.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

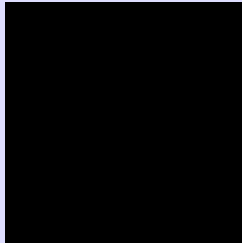
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.220, 292.695

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.220, 292.695.



This preview shows how white text looks on a background with the CIELCh color 89, 17.220, 292.695.

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

89, 17.220, 292.695

Protanopia

89, 16.707, 286.930

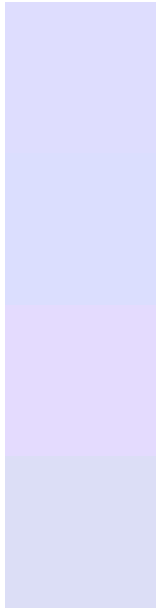
Deuteranopia

89, 19.372, 304.865



Tritanopia
89, 9.457, 282.572

Trichromacy



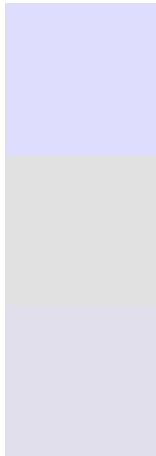
Original Color
89, 17.220, 292.695

Protanomaly
89, 16.690, 288.074

Deuteranomaly
89, 18.570, 301.101

Tritanomaly
89, 12.520, 288.075

Monochromacy



Original Color
89, 17.220, 292.695

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.271, 293.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.220, 292.695 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(222, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 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(222, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.220, 292.695 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(222, 221, 254) }
```

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

```
.border{ border-color:rgb(222, 221, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.220, 292.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 254) }
```

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

```
.background{ background-color: rgb(222,  
221, 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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