

Converting Colors

CIECh(89, 16.015, 329.281)

Have a look what the booklet for
CIELCh(89, 16.015, 329.281)
contains.

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Color

CIELCh(89, 16.015, 329.281)

Conversions

Conversions Part 1

Format	Color
Hex	F3D7EF
RGB	243, 215, 239
RGB Percent	95%, 84%, 94%
CMY	0.0456, 0.1554, 0.0613
CMYK	0.00, 0.12, 0.02, 0.05
HSL	309°, 55%, 90%
HSV	309°, 12%, 95%
XYZ	77.1215, 74.1641, 92.2018
YIQ	226.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

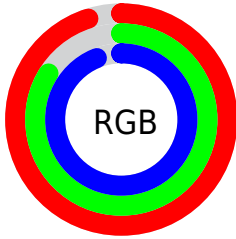
Format	Color
R_YB	243, 215, 239
Decimal	15980527
CIE Lab	89.00, 13.77, -8.18
CIE LCh	89, 16.015, 329.281
Yxy	74.1641, 0.3167, 0.3046
Android (android.graphics.Color)	4294170607 (0xFFFF3D7EF)
YUV	226.1080, 6.3558, 14.8143
Hunter-Lab	86.1186, 9.1440, -3.1951

Details

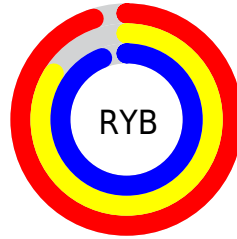
The CIELCh color `89, 16.015, 329.281` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `93, 15.975, 147.895`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 16.184, 329.624` is the 20% darker color. If you saturate the color by 10%, you get `83, 30.038, 329.907`, and if you desaturate by 10%, it is `95, 2.088, 328.540`.

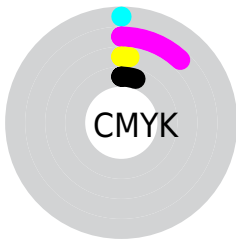
Distribution



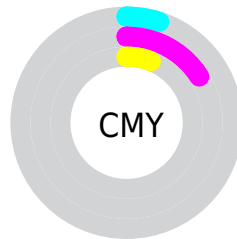
- Red (95%)
- Green (84%)
- Blue (94%)



- Red (95%)
- Yellow (84%)
- Blue (94%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 16.015, 329.281 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, 16.015, 329.281 by changing the saturation by 10% instead.


 89, 16.015,
329.281


 89, 16.015,
329.281


 100, 16.015,
329.281


 79, 16.015,
329.281

 69, 16.015,
329.281

 59, 16.015,
329.281

 49, 16.015,
329.281

 39, 16.015,
329.281

 29, 16.015,
329.281

 19, 16.015,

329.281

■ 9, 16.015, 329.281

■ 0, 16.015, 329.281

■ 89, 16.015,
329.281

■ 89, 16.015,
329.281

■ 83, 30.038,
329.907

■ 95, 2.088, 328.540

■ 78, 43.927,
330.537

■ 99, 6.033, 152.259

■ 72, 57.330,
331.171

■ 99, 4.860, 166.345

■ 68, 69.779,
331.804

■ 99, 4.129, 187.113

■ 64, 80.696,

■ 99, 4.012, 199.316

332.435

■ 60, 89.468,
333.068

■ 58, 95.573,
333.714

■ 56, 98.773,
334.393

■ 56, 99.565,
335.011

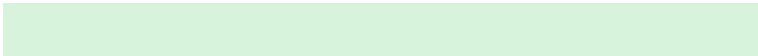
Harmonies

Complementary

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



89, 16.015, 329.281



93, 15.975, 147.895

Rectangle

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



89, 16.015, 329.281



89, 16.015, 19.281



89, 16.015, 149.281



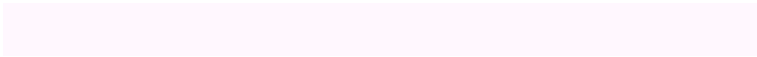
89, 16.015, 199.281

Sweetspot

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



89, 16.012, 329.282



98, 4.315, 328.710



87, 14.753, 296.363



52, 3.271, 328.775



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, 16.012, 329.282



91, 20.260, 329.440



89, 11.482, 352.554



48, 7.937, 329.155



43, 81.573, 334.881



10, 36.803, 333.879

Inverse Universe

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



89, 16.012, 329.282



91, 20.260, 329.440



94, 11.186, 170.495



48, 7.937, 329.155



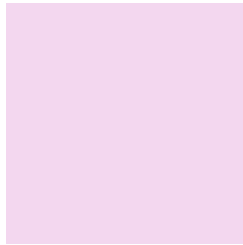
43, 81.573, 334.881



10, 36.803, 333.879

Previews

White Background



This preview shows how the CIELCh color 89, 16.015, 329.281 looks on a white background.

Color Contrast Check

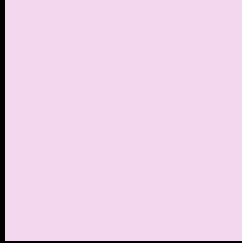
Large Text (above 18pt) WCAG AA × Fail

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, 16.015, 329.281 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, 16.015, 329.281

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.015, 329.281.

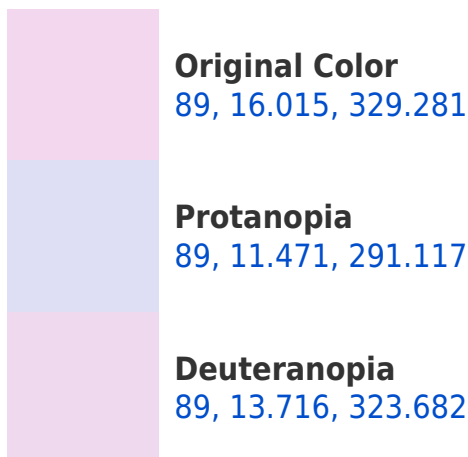


This preview shows how white text looks on a background with the CIELCh color 89, 16.015, 329.281.

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
89, 13.139, 338.072

Trichromacy



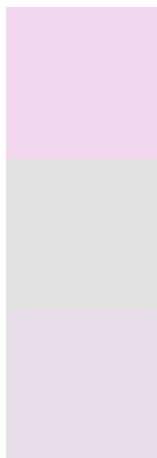
Original Color
89, 16.015, 329.281

Protanomaly
89, 12.039, 307.885

Deuteranomaly
89, 14.746, 326.115

Tritanomaly
89, 13.848, 334.874

Monochromacy



Original Color
89, 16.015, 329.281

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.920, 327.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.015, 329.281 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(243, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 239)  
}
```

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(243, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.015, 329.281 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(243, 215, 239) }
```

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

```
.border{ border-color:rgb(243, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 215,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.015, 329.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 239) }
```

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

```
.background{ background-color: rgb(243,  
215, 239) }
```

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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