

Converting Colors

CIELCh(87, 25.658, 319.996)

Have a look what the booklet for
CIELCh(87, 25.658, 319.996)
contains.

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Color

CIELCh(87, 25.679, 319.999)

Conversions

Conversions Part 1

Format	Color
Hex	F1CEF9
RGB	241, 206, 249
RGB Percent	95%, 81%, 98%
CMY	0.0531, 0.1904, 0.0217
CMYK	0.03, 0.17, 0.00, 0.02
HSL	289°, 80%, 89%
HSV	289°, 17%, 98%
XYZ	75.7812, 70.0064, 99.5171
YIQ	221.3670, 7.0570, 20.7930

Conversions

Conversions Part 2

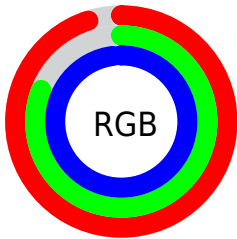
Format	Color
R _Y B	241, 206, 249
Decimal	15847161
CIE _{Lab}	87.00, 19.67, -16.51
CIE _{LCh}	87, 25.679, 319.999
Yxy	70.0064, 0.3089, 0.2854
Android (android.graphics.Color)	4294037241 (0xFFFF1CEF9)
YUV	221.3670, 13.6231, 17.2181
Hunter-Lab	83.6698, 15.2482, -11.9508

Details

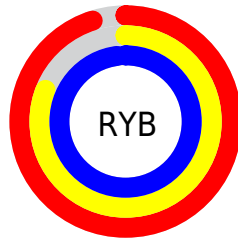
The CIELCh color **87, 25.679, 319.999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 25.476, 138.376**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 25.682, 319.891** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.763, 320.456**, and if you desaturate by 10%, it is **93, 10.699, 319.530**.

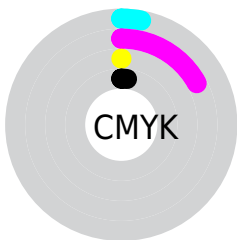
Distribution



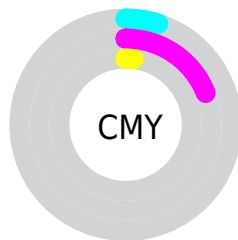
- Red (95%)
- Green (81%)
- Blue (98%)



- Red (95%)
- Yellow (81%)
- Blue (98%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (19%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.679, 319.999 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 87, 25.679, 319.999 by changing the saturation by 10% instead.

 87, 25.679,
319.999


 87, 25.679,
319.999

 100, 25.679,
319.999

 77, 25.679,
319.999

 67, 25.679,
319.999

 57, 25.679,
319.999

 47, 25.679,
319.999

 37, 25.679,
319.999

 27, 25.679,
319.999

 17, 25.679,

319.999

■ 7, 25.679, 319.999

■ 0, 25.679, 319.999

■ 87, 25.679,
319.999

■ 87, 25.679,
319.999

■ 81, 40.763,
320.456

■ 93, 10.699,
319.530

■ 75, 55.718,
320.891

■ 100, 3.190,
137.856

■ 69, 70.178,
321.279

■ 100, 2.798,
109.941

■ 64, 83.641,
321.588

■ 60, 95.466,

321.777

■ 56, 104.957,
321.802

■ 53, 111.527,
321.620

■ 52, 114.998,
321.210

■ 51, 115.650,
321.075

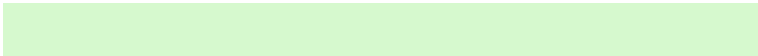
Harmonies

Complementary

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



87, 25.679, 319.999



95, 25.476, 138.376

Rectangle

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



87, 25.679, 319.999



87, 25.679, 9.999



87, 25.679, 139.999



87, 25.679, 189.999

Sweetspot

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



87, 25.676, 319.999



97, 7.506, 319.418



86, 18.207, 282.628



51, 5.124, 319.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 25.676, 319.999



86, 31.908, 320.173



87, 21.979, 335.483



49, 8.427, 319.637



39, 93.729, 321.189



9, 42.274, 322.030

Inverse Universe

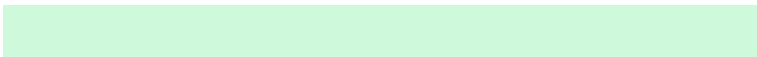
The Inverse Universe completely reimagines the original color for something new.



87, 16.437, 6.012



86, 20.579, 6.470



94, 21.817, 153.013



49, 5.314, 5.146



39, 74.851, 30.570



9, 31.060, 18.435

Previews

White Background



This preview shows how the CIELCh color 87, 25.679, 319.999 looks on a white background.

Color Contrast Check

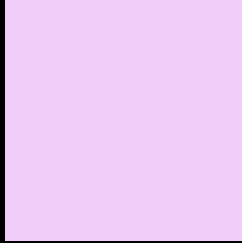
Large Text (above 18pt) WCAG AA × Fail

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 87, 25.679, 319.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

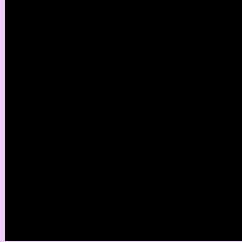
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.679, 319.999

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.679, 319.999.



This preview shows how white text looks on a background with the CIELCh color 87, 25.679, 319.999.

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

87, 25.679, 319.999

Protanopia

87, 20.459, 287.221

Deuteranopia

87, 19.471, 304.884



Tritanopia
87, 13.473, 339.166

Trichromacy



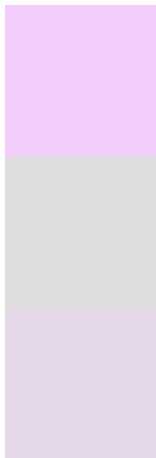
Original Color
87, 25.679, 319.999

Protanomaly
87, 21.249, 300.093

Deuteranomaly
87, 21.782, 311.096

Tritanomaly
87, 17.338, 329.035

Monochromacy



Original Color
87, 25.679, 319.999

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 9.600, 319.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.679, 319.999 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(241, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 249)  
}
```

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(241, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.679, 319.999 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(241, 206, 249) }
```

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

```
.border{ border-color:rgb(241, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 206,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.679, 319.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 206, 249) }
```

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

```
.background{ background-color: rgb(241,  
206, 249) }
```

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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