

Converting Colors

CIELCh(88, 28.500, 319.126)

Have a look what the booklet for
CIELCh(88, 28.500, 319.126)
contains.

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Color

CIELCh(88, 27.923, 319.889)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0FF
RGB	246, 208, 255
RGB Percent	96%, 82%, 100%
CMY	0.0345, 0.1835, 0.0000
CMYK	0.03, 0.18, 0.00, 0.00
HSL	289°, 100%, 91%
HSV	289°, 18%, 100%
XYZ	78.7589, 72.0653, 104.5330
YIQ	224.7200, 7.5610, 22.6730

Conversions

Conversions Part 2

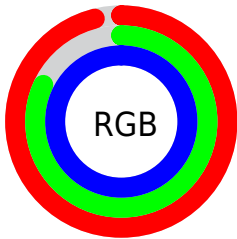
Format	Color
R _Y B	246, 208, 255
Decimal	16175359
CIE Lab	88.00, 21.36, -17.99
CIE LCh	88, 27.923, 319.889
Yxy	72.0653, 0.3084, 0.2822
Android (android.graphics.Color)	4294365439 (0xFFFF6D0FF)
YUV	224.7200, 14.9280, 18.6626
Hunter-Lab	84.8913, 17.0458, -13.5843

Details

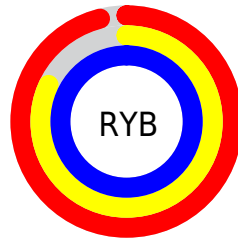
The CIELCh color **88, 27.923, 319.889** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 27.600, 138.253**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 28.041, 319.811** is the 20% darker color. If you saturate the color by 10%, you get **82, 43.182, 320.445**, and if you desaturate by 10%, it is **94, 12.571, 319.523**.

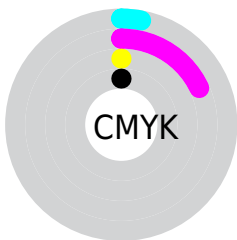
Distribution



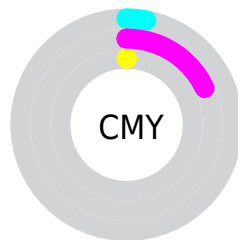
- Red (96%)
- Green (82%)
- Blue (100%)



- Red (96%)
- Yellow (82%)
- Blue (100%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 27.923, 319.889 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 88, 27.923, 319.889 by changing the saturation by 10% instead.


 88, 27.923,
319.889


 88, 27.923,
319.889

 100, 27.923,
319.889


 78, 27.923,
319.889

 68, 27.923,
319.889

 58, 27.923,
319.889

 48, 27.923,
319.889

 38, 27.923,
319.889

 28, 27.923,
319.889

 18, 27.923,

319.889

■ 8, 27.923, 319.889

■ 0, 27.923, 319.889

■ 88, 27.923,
319.889

■ 88, 27.923,
319.889

■ 82, 43.182,
320.445

■ 94, 12.571,
319.523

■ 76, 58.365,
320.876

100, 0.012,
296.813

■ 70, 72.998,
321.257

■ 65, 86.548,
321.554

■ 60, 98.351,

321.725

■ 57, 107.697,
321.726

■ 54, 114.014,
321.514

■ 53, 117.240,
321.076

■ 52, 117.629,
320.994

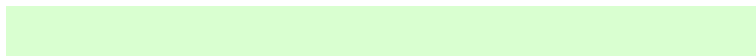
Harmonies

Complementary

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



88, 27.923, 319.889



96, 27.600, 138.253

Rectangle

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



88, 27.923, 319.889



88, 27.923, 9.889



88, 27.923, 139.889



88, 27.923, 189.889

Sweetspot

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



88, 27.831, 319.990



96, 9.009, 319.408



87, 19.764, 282.795



51, 5.979, 319.441



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 27.831, 319.990



86, 33.427, 320.157



88, 23.831, 335.568



50, 8.563, 319.577



39, 94.700, 321.110



10, 43.433, 321.921

Inverse Universe

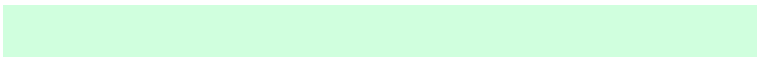
The Inverse Universe completely reimagines the original color for something new.



88, 17.875, 5.992



85, 21.624, 6.443



96, 23.647, 152.915



50, 5.407, 4.993



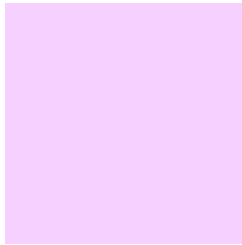
40, 75.539, 30.478



10, 32.055, 19.321

Previews

White Background



This preview shows how the CIELCh color 88, 27.923, 319.889 looks on a white background.

Color Contrast Check

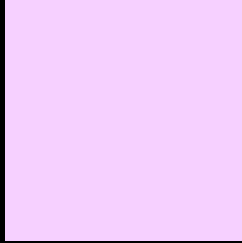
Large Text (above 18pt) WCAG AA × Fail

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 88, 27.923, 319.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

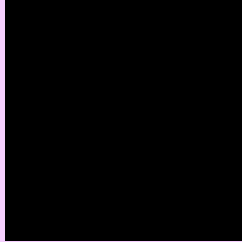
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

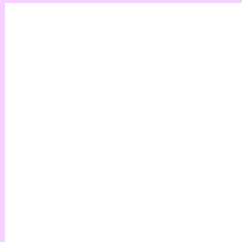
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 27.923, 319.889

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.923, 319.889.

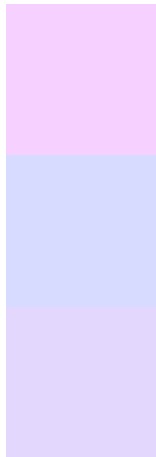


This preview shows how white text looks on a background with the CIELCh color 88, 27.923, 319.889.

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
88, 27.923, 319.889

Protanopia
88, 18.849, 286.655

Deuteranopia
88, 20.876, 303.035



Tritanopia
88, 13.389, 341.903

Trichromacy



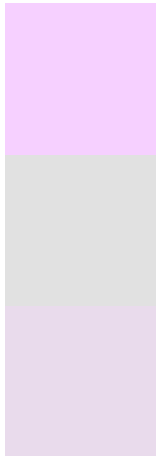
Original Color
88, 27.923, 319.889

Protanomaly
88, 21.324, 301.886

Deuteranomaly
88, 22.709, 310.231

Tritanomaly
88, 18.371, 330.722

Monochromacy



Original Color
88, 27.923, 319.889

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 10.202, 319.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.923, 319.889 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(246, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 255)  
}
```

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(246, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.923, 319.889 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(246, 208, 255) }
```

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

```
.border{ border-color:rgb(246, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.923, 319.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 255) }
```

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

```
.background{ background-color: rgb(246,  
208, 255) }
```

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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