

Converting Colors

CIELCh(88, 27.721, 318.479)

Have a look what the booklet for
CIELCh(88, 27.721, 318.479)
contains.

CIELCh(88, 27.137, 319.080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(88, 27.137, 319.080)

Conversions

Conversions Part 1

Format	Color
Hex	F5D1FF
RGB	245, 209, 255
RGB Percent	96%, 82%, 100%
CMY	0.0401, 0.1813, 0.0009
CMYK	0.04, 0.18, 0.00, 0.00
HSL	287°, 99%, 91%
HSV	287°, 18%, 100%
XYZ	78.3320, 72.0653, 104.1915
YIQ	225.0080, 6.6900, 21.9380

Conversions

Conversions Part 2

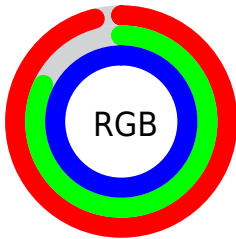
Format	Color
R _Y B	245, 209, 255
Decimal	16110079
CIE Lab	88.00, 20.51, -17.77
CIE LCh	88, 27.137, 319.080
Yxy	72.0653, 0.3077, 0.2831
Android (android.graphics.Color)	4294300159 (0xFFFF5D1FF)
YUV	225.0080, 14.7861, 17.5330
Hunter-Lab	84.8913, 16.1481, -13.3458

Details

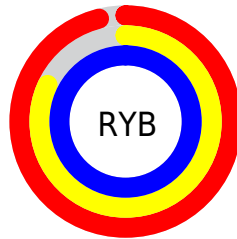
The CIELCh color **88, 27.137, 319.080** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 26.875, 137.417**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 27.224, 318.950** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.391, 319.529**, and if you desaturate by 10%, it is **95, 12.001, 318.621**.

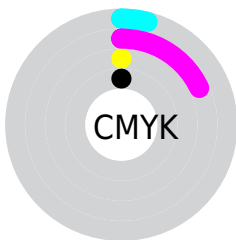
Distribution



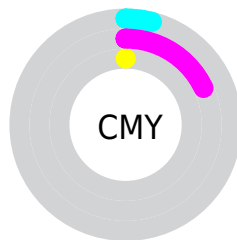
- Red (96%)
- Green (82%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.137, 319.080 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, 27.137, 319.080 by changing the saturation by 10% instead.

 88, 27.137,
319.080

 88, 27.137,
319.080

 100, 27.137,
319.080

 78, 27.137,
319.080

 68, 27.137,
319.080

 58, 27.137,
319.080

 48, 27.137,
319.080

 38, 27.137,
319.080

 28, 27.137,
319.080

 18, 27.137,

319.080

■ 8, 27.137, 319.080

■ 0, 27.137, 319.080

■ 88, 27.137,
319.080

■ 88, 27.137,
319.080

■ 82, 42.391,
319.529

■ 95, 12.001,
318.621

■ 75, 57.531,
319.957

100, 0.107,
109.446

■ 70, 72.192,
320.336

■ 64, 85.858,
320.632

■ 60, 97.871,

320.799

■ 56, 107.497,
320.787

■ 53, 114.117,
320.548

■ 51, 117.582,
320.059

■ 51, 118.074,
319.950

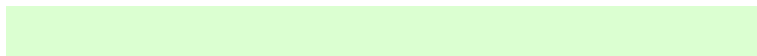
Harmonies

Complementary

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



88, 27.137, 319.080



96, 26.875, 137.417

Rectangle

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



88, 27.137, 319.080



88, 27.137, 9.080



88, 27.137, 139.080



88, 27.137, 189.080

Sweetspot

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



88, 27.134, 319.080



97, 7.439, 318.474



88, 18.678, 280.734



51, 5.078, 318.509



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, 27.134, 319.080



86, 33.180, 319.259



89, 23.971, 334.188



50, 8.493, 318.689



38, 95.112, 320.080



9, 43.586, 320.996

Inverse Universe

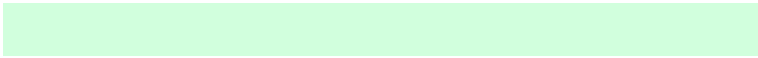
The Inverse Universe completely reimagines the original color for something new.



88, 17.706, 3.745



85, 21.797, 4.234



96, 23.824, 151.661



50, 5.464, 2.774



40, 74.103, 28.263



10, 31.882, 17.833

Previews

White Background



This preview shows how the CIELCh color 88, 27.137, 319.080 looks on a white background.

Color Contrast Check

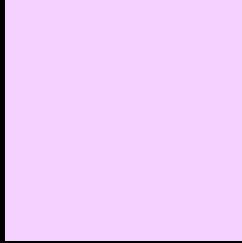
Large Text (above 18pt) WCAG AA × Fail

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, 27.137, 319.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

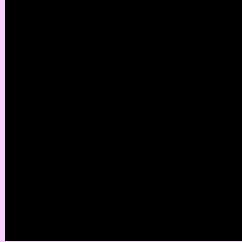
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

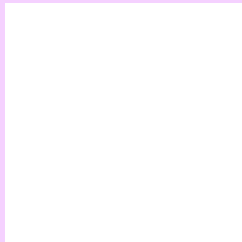
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 27.137, 319.080

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.137, 319.080.




This preview shows how white text looks on a background with the CIELCh color 88, 27.137, 319.080.

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
88, 13.439, 339.154

Trichromacy



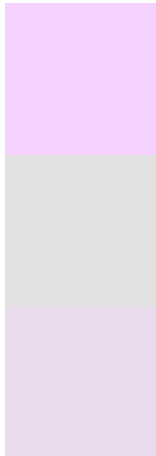
Original Color
88, 27.137, 319.080

Protanomaly
88, 21.266, 300.986

Deuteranomaly
88, 22.604, 309.398

Tritanomaly
88, 18.337, 327.901

Monochromacy



Original Color
88, 27.137, 319.080

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 10.034, 318.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.137, 319.080 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(245, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 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(245, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.137, 319.080 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(245, 209, 255) }
```

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

```
.border{ border-color:rgb(245, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.137, 319.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 255) }
```

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

```
.background{ background-color: rgb(245,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor