

Converting Colors

CIELCh(88, 29.661, 321.149)

Have a look what the booklet for
CIELCh(88, 29.661, 321.149)
contains.

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Color

CIELCh(88, 29.039, 321.897)

Conversions

Conversions Part 1

Format	Color
Hex	F9CFFF
RGB	249, 207, 255
RGB Percent	98%, 81%, 100%
CMY	0.0231, 0.1878, 0.0000
CMYK	0.02, 0.19, 0.00, 0.00
HSL	293°, 100%, 91%
HSV	293°, 19%, 100%
XYZ	79.5136, 72.0653, 104.4207
YIQ	225.0300, 9.6240, 23.8320

Conversions

Conversions Part 2

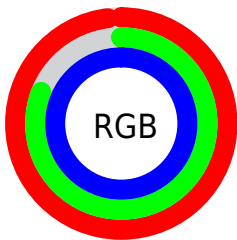
Format	Color
R _Y B	249, 207, 255
Decimal	16371711
CIE Lab	88.00, 22.85, -17.92
CIE LCh	88, 29.039, 321.897
Yxy	72.0653, 0.3106, 0.2815
Android (android.graphics.Color)	4294561791 (0xFF9CFF)
YUV	225.0300, 14.7752, 21.0217
Hunter-Lab	84.8913, 18.6328, -13.5059

Details

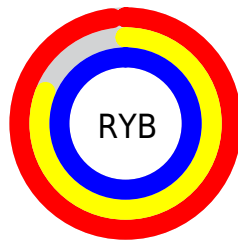
The CIELCh color `88, 29.039, 321.897` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `96, 28.828, 140.049`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 29.190, 321.931` is the 20% darker color. If you saturate the color by 10%, you get `82, 44.528, 322.432`, and if you desaturate by 10%, it is `94, 13.465, 321.463`.

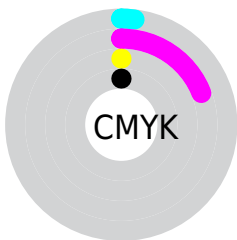
Distribution



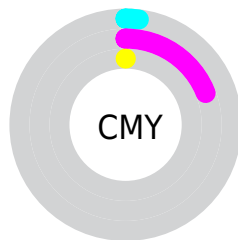
- Red (98%)
- Green (81%)
- Blue (100%)



- Red (98%)
- Yellow (81%)
- Blue (100%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.039, 321.897 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, 29.039, 321.897 by changing the saturation by 10% instead.

 88, 29.039,
321.897

 88, 29.039,
321.897

 100, 29.039,
321.897

 78, 29.039,
321.897

 68, 29.039,
321.897

 58, 29.039,
321.897

 48, 29.039,
321.897

 38, 29.039,
321.897

 28, 29.039,
321.897

 18, 29.039,

321.897

■ 8, 29.039, 321.897

■ 0, 29.039, 321.897

■ 88, 29.039,
321.897

■ 88, 29.039,
321.897

■ 82, 44.528,
322.432

■ 94, 13.465,
321.463

■ 76, 59.792,
322.881

100, 0.012,
296.813

■ 71, 74.356,
323.279

■ 66, 87.658,
323.596

■ 62, 99.037,

323.799

■ 59, 107.836,
323.856

■ 57, 113.594,
323.739

■ 55, 116.395,
323.446

■ 55, 116.648,
323.405

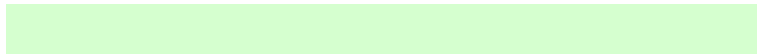
Harmonies

Complementary

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



88, 29.039, 321.897



96, 28.828, 140.049

Rectangle

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



88, 29.039, 321.897



88, 29.039, 11.897



88, 29.039, 141.897



88, 29.039, 191.897

Sweetspot

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



88, 28.987, 321.956



96, 9.183, 321.321



86, 21.838, 286.465



51, 6.094, 321.355



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, 28.987, 321.956



85, 35.559, 322.159



88, 23.281, 338.529



50, 8.725, 321.500



41, 93.931, 323.485



11, 43.146, 324.039

Inverse Universe

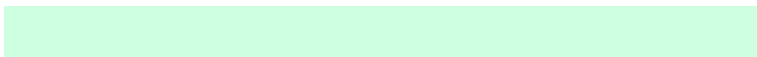
The Inverse Universe completely reimagines the original color for something new.



87, 18.062, 11.063



85, 22.405, 11.572



96, 23.007, 155.630



50, 5.312, 10.060



40, 78.855, 34.719



10, 32.449, 22.159

Previews

White Background



This preview shows how the CIELCh color 88, 29.039, 321.897 looks on a white background.

Color Contrast Check

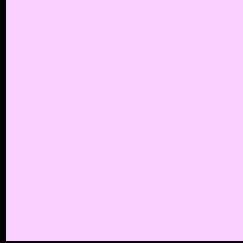
Large Text (above 18pt) WCAG AA × Fail

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, 29.039, 321.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

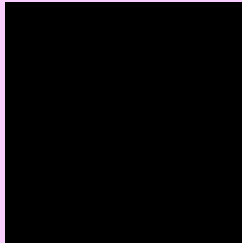
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

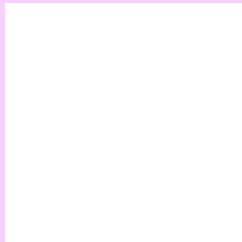
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 29.039, 321.897

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.039, 321.897.



This preview shows how white text looks on a background with the CIELCh color 88, 29.039, 321.897.

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, 29.039, 321.897

Protanopia

88, 18.849, 286.655

Deuteranopia

88, 20.365, 303.302



Tritanopia
88, 14.562, 345.618

Trichromacy



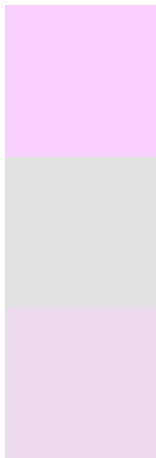
Original Color
88, 29.039, 321.897

Protanomaly
88, 21.387, 302.782

Deuteranomaly
88, 23.439, 311.447

Tritanomaly
88, 19.459, 332.243

Monochromacy



Original Color
88, 29.039, 321.897

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 11.015, 321.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.039, 321.897 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(249, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 207, 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(249, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 207, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.039, 321.897 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(249, 207, 255) }
```

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

```
.border{ border-color:rgb(249, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 207,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.039, 321.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 207, 255) }
```

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

```
.background{ background-color: rgb(249,  
207, 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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