

Converting Colors

CIELCh(89, 28.225, 325.084)

Have a look what the booklet for
CIELCh(89, 28.225, 325.084)
contains.

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Color

CIELCh(89, 28.022, 324.789)

Conversions

Conversions Part 1

Format	Color
Hex	FED2FF
RGB	254, 210, 255
RGB Percent	100%, 82%, 100%
CMY	0.0051, 0.1776, 0.0012
CMYK	0.00, 0.18, 0.00, 0.00
HSL	299°, 99%, 91%
HSV	299°, 18%, 100%
XYZ	81.7388, 74.1641, 104.3604
YIQ	228.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

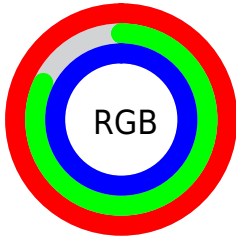
Format	Color
RYB	254, 210, 255
Decimal	16700159
CIELab	89.00, 22.89, -16.16
CIELCh	89, 28.022, 324.789
Yxy	74.1641, 0.3141, 0.2850
Android (android.graphics.Color)	4294890239 (0xFF FED2FF)
YUV	228.2860, 13.1700, 22.5512
Hunter-Lab	86.1186, 18.7143, -11.5659

Details

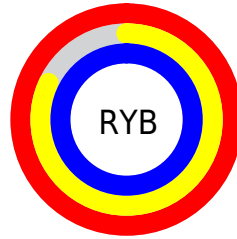
The CIELCh color **89, 28.022, 324.789** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 27.976, 142.767**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 28.096, 324.962** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.896, 325.322**, and if you desaturate by 10%, it is **95, 12.096, 324.237**.

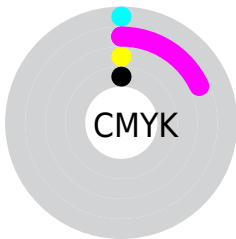
Distribution



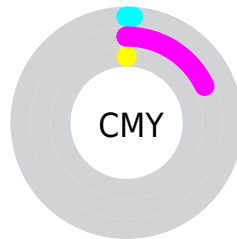
- Red (100%)
- Green (82%)
- Blue (100%)



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



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



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 28.022, 324.789 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, 28.022, 324.789 by changing the saturation by 10% instead.


 89, 28.022,
324.789

 89, 28.022,
324.789

 100, 28.022,
324.789

 79, 28.022,
324.789

 69, 28.022,
324.789

 59, 28.022,
324.789

 49, 28.022,
324.789

 39, 28.022,
324.789

 29, 28.022,
324.789

 19, 28.022,

324.789

■ 9, 28.022, 324.789

■ 0, 28.022, 324.789

■ 89, 28.022,
324.789

■ 89, 28.022,
324.789

■ 83, 43.896,
325.322

■ 95, 12.096,
324.237

■ 78, 59.388,
325.829

100, 0.153,
132.177

■ 73, 74.038,
326.292

100, 0.141,
109.618

■ 68, 87.268,
326.692

■ 65, 98.442,

327.009

■ 62, 106.979,
327.227

■ 60, 112.526,
327.337

■ 59, 115.179,
327.344

■ 59, 115.580,
327.338

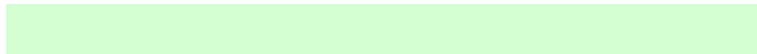
Harmonies

Complementary

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



89, 28.022, 324.789



96, 27.976, 142.767

Rectangle

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



89, 28.022, 324.789



89, 28.022, 14.789



89, 28.022, 144.789



89, 28.022, 194.789

Sweetspot

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



89, 28.019, 324.789



97, 7.888, 324.080



86, 22.856, 290.841



51, 5.384, 324.123



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, 28.019, 324.789



87, 33.370, 324.969



88, 20.427, 343.378



50, 8.994, 324.341



45, 93.175, 327.353



12, 42.859, 327.459

Inverse Universe

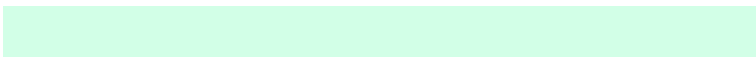
The Inverse Universe completely reimagines the original color for something new.



88, 16.819, 18.876



86, 20.272, 19.211



96, 20.040, 160.403



49, 5.252, 18.144



40, 83.236, 39.131



10, 33.183, 26.290

Previews

White Background



This preview shows how the CIELCh color 89, 28.022, 324.789 looks on a white background.

Color Contrast Check

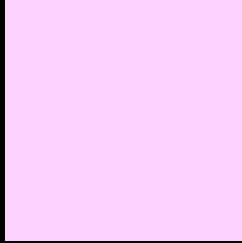
Large Text (above 18pt) WCAG AA × Fail

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, 28.022, 324.789 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

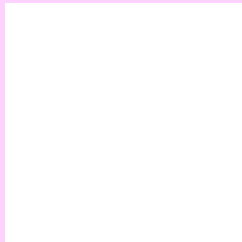
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 28.022, 324.789

Background



This preview shows how black text looks on a background with the CIELCh color 89, 28.022, 324.789.



This preview shows how white text looks on a background with the CIELCh color 89, 28.022, 324.789.

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

89, 28.022, 324.789

Protanopia

89, 17.226, 287.119

Deuteranopia

89, 18.951, 306.221



Tritanopia
89, 15.714, 346.424

Trichromacy



Original Color
89, 28.022, 324.789



Protanomaly
89, 19.879, 304.538



Deuteranomaly
89, 22.181, 314.483

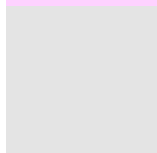


Tritanomaly
89, 20.141, 334.620

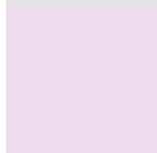
Monochromacy



Original Color
89, 28.022, 324.789



Achromatopsia
91, 0.011, 296.813



Achromatomaly
90, 10.549, 323.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 28.022, 324.789 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(254, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 28.022, 324.789 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(254, 210, 255) }
```

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

```
.border{ border-color:rgb(254, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 28.022, 324.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 255) }
```

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

```
.background{ background-color: rgb(254,  
210, 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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