

Converting Colors

CIELCh(100, 72.492, 12.435)

Have a look what the booklet for
CIELCh(100, 72.492, 12.435)
contains.

CIELCh(85, 28.252, 342.712)	3
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Color

CIELCh(85, 28.252, 342.712)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E5
RGB	255, 195, 229
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2361, 0.1027
CMYK	0.00, 0.24, 0.10, 0.00
HSL	326°, 100%, 88%
HSV	326°, 24%, 100%
XYZ	75.1377, 66.0070, 82.7750
YIQ	216.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

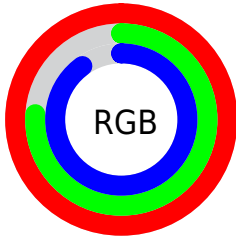
Format	Color
R _Y B	255, 195, 229
Decimal	16761829
CIE Lab	85.00, 26.98, -8.40
CIE LCh	85, 28.252, 342.712
Yxy	66.0070, 0.3356, 0.2948
Android (android.graphics.Color)	4294951909 (0xFFFFC3E5)
YUV	216.8160, 6.0067, 33.4874
Hunter-Lab	81.2447, 22.9042, -3.5355

Details

The CIELCh color **85, 28.252, 342.712** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 27.427, 158.270**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **65, 28.119, 342.032** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.950, 343.290**, and if you desaturate by 10%, it is **91, 16.032, 341.374**.

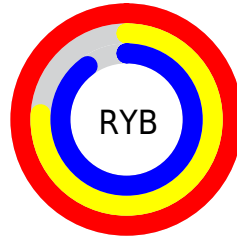
Distribution



Red (100%)

Green (76%)

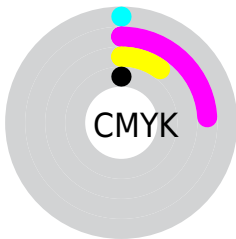
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

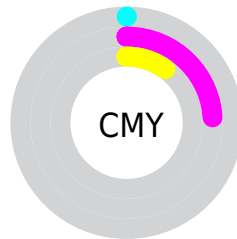


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.252, 342.712 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 85, 28.252, 342.712 by changing the saturation by 10% instead.


 85, 28.252,
342.712


 85, 28.252,
342.712


 100, 28.252,
342.712


 75, 28.252,
342.712

 65, 28.252,
342.712

 55, 28.252,
342.712

 45, 28.252,
342.712

 35, 28.252,
342.712

 25, 28.252,
342.712

 15, 28.252,

342.712

■ 5, 28.252, 342.712

■ 0, 28.252, 342.712

■ 85, 28.252,
342.712

■ 85, 28.252,
342.712

■ 79, 39.950,
343.290

■ 91, 16.032,
341.374

■ 73, 51.510,
344.424

■ 98, 4.207, 340.476

■ 68, 62.242,
345.733

100, 0.012,
296.813

■ 64, 71.564,
347.286

■ 60, 78.853,

349.181

■ 58, 83.601,
351.545

■ 56, 85.660,
354.525

■ 55, 85.930,
356.752

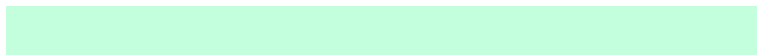
Harmonies

Complementary

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



85, 28.252, 342.712



95, 27.427, 158.270

Rectangle

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



85, 28.252, 342.712



85, 28.252, 32.712



85, 28.252, 162.712



85, 28.252, 212.712

Sweetspot

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



85, 28.016, 342.285



95, 8.194, 340.799



83, 33.214, 307.946



50, 5.327, 340.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 28.016, 342.285



82, 33.282, 342.713



84, 22.965, 16.028



50, 6.672, 341.018



42, 69.390, 356.067



11, 32.629, 351.497

Inverse Universe

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



85, 28.016, 342.285



82, 33.282, 342.713



96, 19.987, 192.233



50, 6.672, 341.018



42, 69.390, 356.067



11, 32.629, 351.497

Previews

White Background



This preview shows how the CIELCh color 85, 28.252, 342.712 looks on a white background.

Color Contrast Check

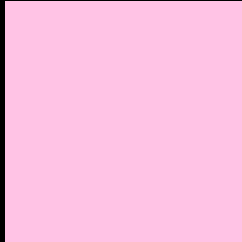
Large Text (above 18pt) WCAG AA × Fail

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 85, 28.252, 342.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

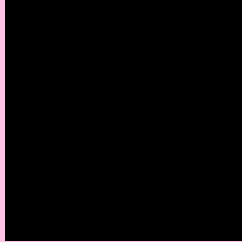
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 28.252, 342.712

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.252, 342.712.



This preview shows how white text looks on a background with the CIELCh color 85, 28.252, 342.712.

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

85, 27.954, 342.195

Protanopia

85, 14.752, 287.453

Deuteranopia

85, 13.212, 323.623

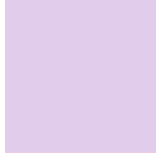


Tritanopia
85, 21.798, 0.153

Trichromacy



Original Color
85, 27.954, 342.195



Protanomaly
85, 17.371, 315.195



Deuteranomaly
85, 18.589, 333.574

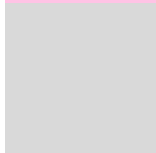


Tritanomaly
85, 23.812, 352.525

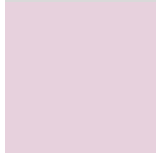
Monochromacy



Original Color
85, 27.954, 342.195



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 10.177, 342.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.252, 342.712 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(255, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 229)  
}
```

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(255, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.252, 342.712 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(255, 195, 229) }
```

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

```
.border{ border-color:rgb(255, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.252, 342.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 229) }
```

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

```
.background{ background-color: rgb(255,  
195, 229) }
```

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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