

Converting Colors

CIELCh(85, 30.042, 336.665)

Have a look what the booklet for
CIELCh(85, 30.042, 336.665)
contains.

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Color

CIELCh(85, 29.657, 336.889)

Conversions

Conversions Part 1

Format	Color
Hex	FEC3EB
RGB	254, 195, 235
RGB Percent	100%, 76%, 92%
CMY	0.0045, 0.2358, 0.0790
CMYK	0.00, 0.23, 0.07, 0.00
HSL	319°, 96%, 88%
HSV	319°, 23%, 100%
XYZ	75.2847, 66.0070, 87.2686
YIQ	217.2010, 22.3240, 24.9480

Conversions

Conversions Part 2

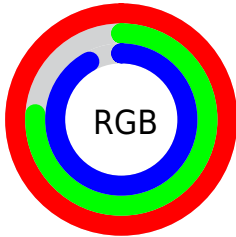
Format	Color
R_{YB}	254, 195, 235
Decimal	16696299
CIE _{Lab}	85.00, 27.28, -11.64
CIE _{LCh}	85, 29.657, 336.889
Yxy	66.0070, 0.3294, 0.2888
Android (android.graphics.Color)	4294886379 (0xFFFE _{C3EB})
YUV	217.2010, 8.7749, 32.2727
Hunter-Lab	81.2447, 23.2272, -6.8148

Details

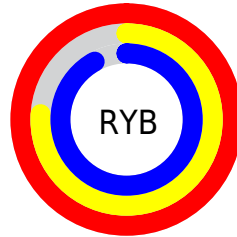
The CIELCh color **85, 29.657, 336.889** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 29.339, 153.355**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **65, 29.554, 337.252** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.384, 337.723**, and if you desaturate by 10%, it is **91, 16.809, 336.110**.

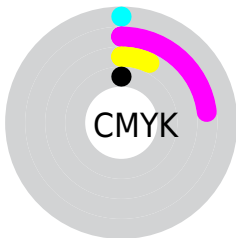
Distribution



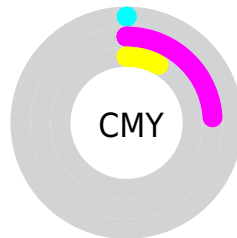
- Red (100%)
- Green (76%)
- Blue (92%)



- Red (100%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 29.657, 336.889 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 85, 29.657, 336.889 by changing the saturation by 10% instead.


 85, 29.657,
336.889

 85, 29.657,
336.889


 100, 29.657,
336.889


 75, 29.657,
336.889

 65, 29.657,
336.889

 55, 29.657,
336.889

 45, 29.657,
336.889

 35, 29.657,
336.889

 25, 29.657,
336.889

 15, 29.657,

336.889

■ 5, 29.657, 336.889

■ 0, 29.657, 336.889

■ 85, 29.657,
336.889

■ 85, 29.657,
336.889

■ 79, 42.384,
337.723

■ 91, 16.809,
336.110

■ 74, 54.655,
338.626

■ 98, 4.079, 335.314

■ 69, 65.988,
339.623

100, 0.395,
201.060

■ 64, 75.788,
340.748

■ 61, 83.414,

342.056

■ 58, 88.333,
343.619

■ 57, 90.347,
345.529

■ 56, 90.409,
347.027

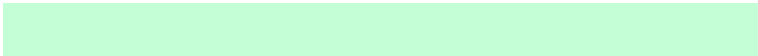
Harmonies

Complementary

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



85, 29.657, 336.889



95, 29.339, 153.355

Rectangle

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



85, 29.657, 336.889



85, 29.657, 26.889



85, 29.657, 156.889



85, 29.657, 206.889

Sweetspot

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



85, 29.654, 336.890



95, 8.878, 335.634



82, 32.052, 303.910



50, 5.772, 335.681



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, 29.654, 336.890



82, 35.881, 337.280



84, 22.802, 6.959



50, 7.226, 335.826



42, 73.308, 346.601



11, 34.561, 343.721

Inverse Universe

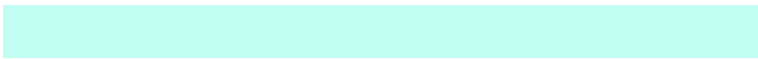
The Inverse Universe completely reimagines the original color for something new.



85, 29.654, 336.890



82, 35.881, 337.280



96, 20.617, 182.440



50, 7.226, 335.826



42, 73.308, 346.601



11, 34.561, 343.721

Previews

White Background



This preview shows how the CIELCh color 85, 29.657, 336.889 looks on a white background.

Color Contrast Check

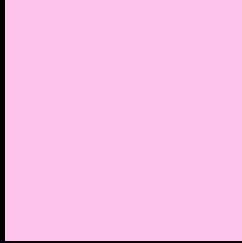
Large Text (above 18pt) WCAG AA × Fail

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 85, 29.657, 336.889 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 85, 29.657, 336.889

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.657, 336.889.



This preview shows how white text looks on a background with the CIELCh color 85, 29.657, 336.889.

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
85, 29.657, 336.889

Protanopia
85, 17.913, 287.382

Deuteranopia
85, 15.005, 314.710



Tritanopia
85, 20.730, 358.905

Trichromacy



Original Color
85, 29.657, 336.889



Protanomaly
85, 20.167, 310.698



Deuteranomaly
85, 19.917, 326.031

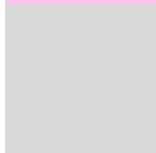


Tritanomaly
85, 23.318, 348.775

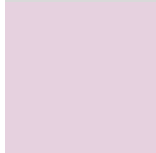
Monochromacy



Original Color
85, 29.657, 336.889



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 10.583, 336.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 29.657, 336.889 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(254, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 235)  
}
```

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, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.657, 336.889 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(254, 195, 235) }
```

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

```
.border{ border-color:rgb(254, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.657, 336.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 235) }
```

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

```
.background{ background-color: rgb(254,  
195, 235) }
```

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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