

Converting Colors

CIELCh(87, 36.538, 347.707)

Have a look what the booklet for
CIELCh(87, 36.538, 347.707)
contains.

CIELCh(85, 30.794, 337.717)	3
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Color

CIELCh(85, 30.794, 337.717)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2EB
RGB	255, 194, 235
RGB Percent	100%, 76%, 92%
CMY	0.0000, 0.2394, 0.0785
CMYK	0.00, 0.24, 0.08, 0.00
HSL	320°, 100%, 88%
HSV	320°, 24%, 100%
XYZ	75.8806, 66.0070, 87.3190
YIQ	216.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

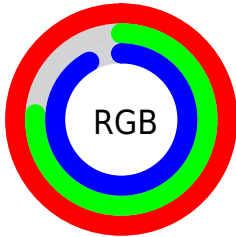
Format	Color
R_{YB}	255, 194, 235
Decimal	16761579
CIE _{Lab}	85.00, 28.49, -11.68
CIE _{LCh}	85, 30.794, 337.717
Yxy	66.0070, 0.3311, 0.2880
Android (android.graphics.Color)	4294951659 (0xFFFFC2EB)
YUV	216.9130, 8.9169, 33.4023
Hunter-Lab	81.2447, 24.5365, -6.8515

Details

The CIELCh color **85, 30.794, 337.717** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 30.197, 153.531**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **65, 30.451, 337.599** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.250, 338.056**, and if you desaturate by 10%, it is **91, 17.700, 336.420**.

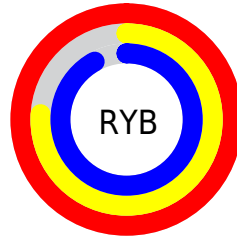
Distribution



Red (100%)

Green (76%)

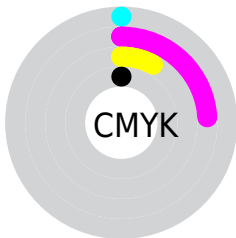
Blue (92%)



Red (100%)

Yellow (76%)

Blue (92%)

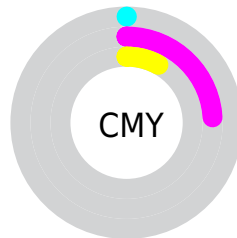


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.794, 337.717 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, 30.794, 337.717 by changing the saturation by 10% instead.


 85, 30.794,
337.717


 85, 30.794,
337.717


 100, 30.794,
337.717


 75, 30.794,
337.717

 65, 30.794,
337.717

 55, 30.794,
337.717

 45, 30.794,
337.717

 35, 30.794,
337.717

 25, 30.794,
337.717

 15, 30.794,

337.717

■ 5, 30.794, 337.717

■ 0, 30.794, 337.717

■ 85, 30.794,
337.717

■ 85, 30.794,
337.717

■ 79, 43.250,
338.056

■ 91, 17.700,
336.420

■ 74, 55.473,
338.976

■ 97, 4.964, 335.633

■ 69, 66.722,
339.996

100, 0.012,
296.813

■ 64, 76.393,
341.154

■ 61, 83.844,

342.506

■ 58, 88.557,
344.130

■ 57, 90.367,
346.121

■ 56, 90.388,
347.509

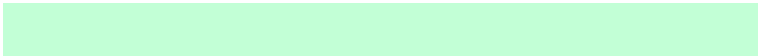
Harmonies

Complementary

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



85, 30.794, 337.717



95, 30.197, 153.531

Rectangle

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



85, 30.794, 337.717



85, 30.794, 27.717



85, 30.794, 157.717



85, 30.794, 207.717

Sweetspot

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



85, 30.541, 337.210



95, 8.840, 335.887



82, 33.183, 303.963



50, 5.747, 335.934



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, 30.541, 337.210



82, 37.008, 337.630



84, 23.619, 7.052



50, 7.195, 336.081



42, 73.046, 347.064



11, 34.441, 344.101

Inverse Universe

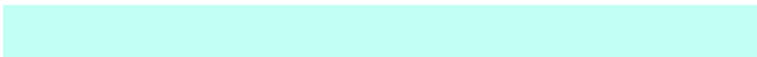
The Inverse Universe completely reimagines the original color for something new.



85, 30.541, 337.210



82, 37.008, 337.630



96, 21.285, 182.371



50, 7.195, 336.081



42, 73.046, 347.064



11, 34.441, 344.101

Previews

White Background



This preview shows how the CIELCh color 85, 30.794, 337.717 looks on a white background.

Color Contrast Check

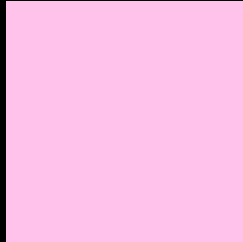
Large Text (above 18pt) WCAG AA × Fail

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, 30.794, 337.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

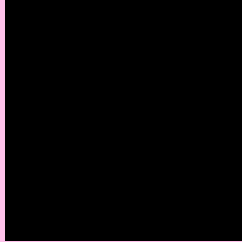
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.794, 337.717

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.794, 337.717.



This preview shows how white text looks on a background with the CIELCh color 85, 30.794, 337.717.

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, 30.521, 337.202

Protanopia
85, 18.457, 286.525

Deuteranopia
85, 15.639, 315.143



Tritanopia
85, 21.447, 359.752

Trichromacy



Original Color
85, 30.521, 337.202

Protanomaly
85, 20.662, 310.231

Deuteranomaly
85, 20.556, 326.029

Tritanomaly
85, 23.960, 349.815

Monochromacy



Original Color
85, 30.521, 337.202

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 11.202, 335.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.794, 337.717 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, 194, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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(255, 194, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.794, 337.717 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, 194, 235) }
```

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

```
.border{ border-color:rgb(255, 194, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.794, 337.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 235) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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