

Converting Colors

CIELCh(85, 30.511, 337.443)

Have a look what the booklet for
CIELCh(85, 30.511, 337.443)
contains.

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Color

CIELCh(85, 30.521, 337.202)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2EB
RGB	255, 194, 235
RGB Percent	100%, 76%, 92%
CMY	0.0000, 0.2383, 0.0775
CMYK	0.00, 0.24, 0.08, 0.00
HSL	320°, 100%, 88%
HSV	320°, 24%, 100%
XYZ	75.7051, 66.0070, 87.5304
YIQ	216.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

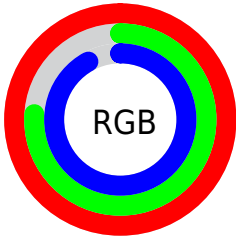
Format	Color
R _Y B	255, 194, 235
Decimal	16761579
CIE Lab	85.00, 28.14, -11.83
CIE LCh	85, 30.521, 337.202
Yxy	66.0070, 0.3302, 0.2879
Android (android.graphics.Color)	4294951659 (0xFFFFC2EB)
YUV	216.9130, 8.9169, 33.4023
Hunter-Lab	81.2447, 24.1510, -7.0058

Details

The CIELCh color **85, 30.521, 337.202** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 30.120, 153.426**, 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, 43.191, 337.917**, and if you desaturate by 10%, it is **91, 17.591, 336.290**.

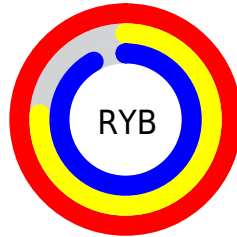
Distribution



Red (100%)

Green (76%)

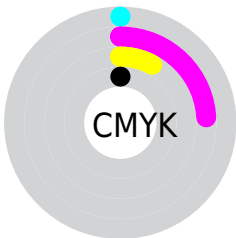
Blue (92%)



Red (100%)

Yellow (76%)

Blue (92%)

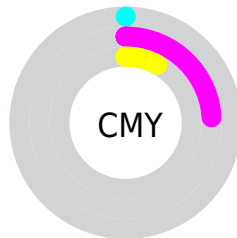


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.521, 337.202 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, 30.521, 337.202 by changing the saturation by 10% instead.

 85, 30.521,
337.202


 85, 30.521,
337.202


 100, 30.521,
337.202


 75, 30.521,
337.202

 65, 30.521,
337.202

 55, 30.521,
337.202

 45, 30.521,
337.202

 35, 30.521,
337.202

 25, 30.521,
337.202

 15, 30.521,

337.202

■ 5, 30.521, 337.202

■ 0, 30.521, 337.202

■ 85, 30.521,
337.202

■ 85, 30.521,
337.202

■ 79, 43.191,
337.917

■ 91, 17.591,
336.290

■ 74, 55.442,
338.831

■ 98, 4.832, 335.503

■ 69, 66.723,
339.843

100, 0.012,
296.813

■ 64, 76.429,
340.989

■ 61, 83.918,

342.324

■ 58, 88.671,
343.927

■ 57, 90.516,
345.888

■ 56, 90.541,
347.283

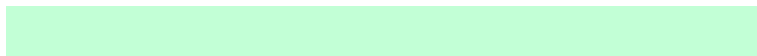
Harmonies

Complementary

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



85, 30.521, 337.202



95, 30.120, 153.426

Rectangle

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



85, 30.521, 337.202



85, 30.521, 27.202



85, 30.521, 157.202



85, 30.521, 207.202

Sweetspot

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



85, 30.457, 337.076



95, 8.858, 335.767



82, 33.020, 303.954



50, 5.759, 335.814



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, 30.457, 337.076



82, 37.080, 337.503



84, 23.501, 7.037



50, 7.209, 335.960



42, 73.170, 346.844



11, 34.498, 343.920

Inverse Universe

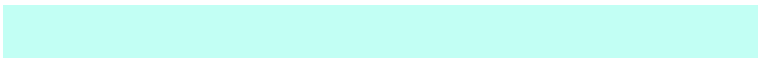
The Inverse Universe completely reimagines the original color for something new.



85, 30.457, 337.076



82, 37.080, 337.503



96, 21.190, 182.382



50, 7.209, 335.960



42, 73.170, 346.844



11, 34.498, 343.920

Previews

White Background



This preview shows how the CIELCh color 85, 30.521, 337.202 looks on a white background.

Color Contrast Check

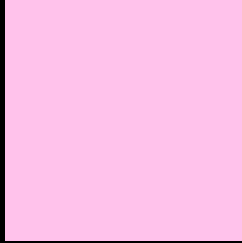
Large Text (above 18pt) WCAG AA × Fail

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, 30.521, 337.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

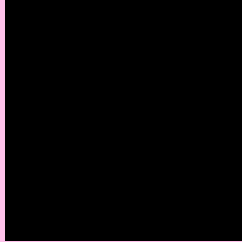
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.521, 337.202

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.521, 337.202.



This preview shows how white text looks on a background with the CIELCh color 85, 30.521, 337.202.

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



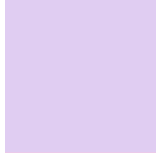


Tritanopia
85, 21.447, 359.752

Trichromacy



Original Color
85, 30.521, 337.202



Protanomaly
85, 20.662, 310.231



Deuteranomaly
85, 20.556, 326.029

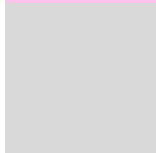


Tritanomaly
85, 23.960, 349.815

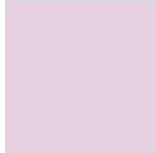
Monochromacy



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, 30.521, 337.202 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, 30.521, 337.202 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, 30.521, 337.202 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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