

Converting Colors

CIELCh(85, 37.138, 329.009)

Have a look what the booklet for
CIELCh(85, 37.138, 329.009)
contains.

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Color

CIELCh(85, 37.037, 328.569)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F9
RGB	255, 192, 249
RGB Percent	100%, 75%, 98%
CMY	0.0000, 0.2459, 0.0223
CMYK	0.00, 0.25, 0.02, 0.00
HSL	305°, 100%, 88%
HSV	305°, 25%, 100%
XYZ	77.4162, 66.0070, 98.5343
YIQ	217.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

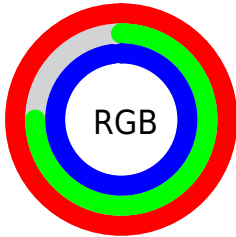
Format	Color
R _Y B	255, 192, 249
Decimal	16761081
CIE _{Lab}	85.00, 31.60, -19.31
CIE _{LCh}	85, 37.037, 328.569
Yxy	66.0070, 0.3200, 0.2728
Android (android.graphics.Color)	4294951161 (0xFFFFC0F9)
YUV	217.3350, 15.6108, 33.0322
Hunter-Lab	81.2447, 27.9104, -15.0362

Details

The CIELCh color **85, 37.037, 328.569** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 36.926, 145.284**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **65, 36.824, 329.026** is the 20% darker color. If you saturate the color by 10%, you get **79, 51.787, 329.013**, and if you desaturate by 10%, it is **91, 21.896, 327.827**.

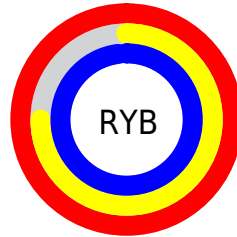
Distribution



Red (100%)

Green (75%)

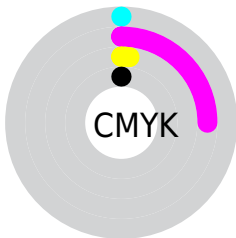
Blue (98%)



Red (100%)

Yellow (75%)

Blue (98%)

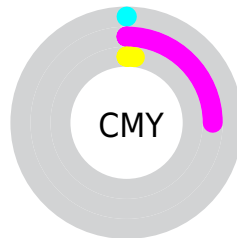


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 37.037, 328.569 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, 37.037, 328.569 by changing the saturation by 10% instead.


 85, 37.037,
328.569


 85, 37.037,
328.569


 100, 37.037,
328.569


 75, 37.037,
328.569

 65, 37.037,
328.569

 55, 37.037,
328.569

 45, 37.037,
328.569

 35, 37.037,
328.569

 25, 37.037,
328.569

 15, 37.037,

328.569

■ 5, 37.037, 328.569

■ 0, 37.037, 328.569

■ 85, 37.037,
328.569

■ 85, 37.037,
328.569

■ 79, 51.787,
329.013

■ 91, 21.896,
327.827

■ 74, 65.922,
329.589

■ 97, 6.848, 327.210

■ 70, 78.842,
330.142

100, 0.012,
296.813

■ 66, 89.921,
330.666

■ 63, 98.538,

331.155

■ 61, 104.243,
331.615

■ 59, 106.943,
332.059

■ 59, 107.472,
332.298

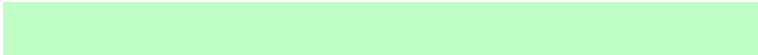
Harmonies

Complementary

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



85, 37.037, 328.569



95, 36.926, 145.284

Rectangle

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



85, 37.037, 328.569



85, 37.037, 18.569



85, 37.037, 148.569



85, 37.037, 198.569

Sweetspot

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



85, 36.973, 328.423



96, 10.463, 327.367



80, 33.536, 295.953



51, 6.801, 327.405



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, 36.973, 328.423



82, 45.047, 328.743



84, 26.674, 350.833



50, 8.511, 327.521



44, 86.669, 332.221



12, 40.216, 331.699

Inverse Universe

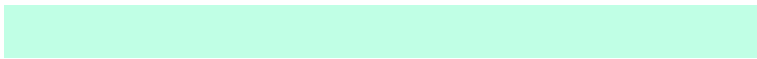
The Inverse Universe completely reimagines the original color for something new.



85, 36.973, 328.423



82, 45.047, 328.743



95, 25.487, 166.060



50, 8.511, 327.521



44, 86.669, 332.221



12, 40.216, 331.699

Previews

White Background



This preview shows how the CIELCh color 85, 37.037, 328.569 looks on a white background.

Color Contrast Check

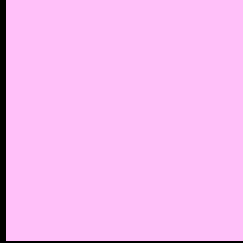
Large Text (above 18pt) WCAG AA × Fail

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, 37.037, 328.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

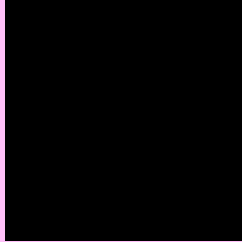
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 37.037, 328.569

Background



This preview shows how black text looks on a background with the CIELCh color 85, 37.037, 328.569.



This preview shows how white text looks on a background with the CIELCh color 85, 37.037, 328.569.

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, 20.384, 358.467

Trichromacy



Original Color
85, 37.037, 328.569



Protanomaly
85, 26.566, 304.695



Deuteranomaly
85, 25.828, 314.722

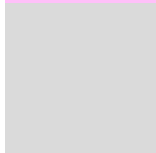


Tritanomaly
85, 25.303, 343.133

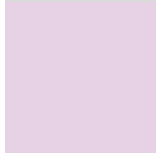
Monochromacy



Original Color
85, 37.037, 328.569



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 13.158, 327.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 37.037, 328.569 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, 192, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 249)  
}
```

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, 192, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 37.037, 328.569 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, 192, 249) }
```

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

```
.border{ border-color:rgb(255, 192, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 37.037, 328.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 249) }
```

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

```
.background{ background-color: rgb(255,  
192, 249) }
```

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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