

Converting Colors

CIELCh(85, 33.442, 334.703)

Have a look what the booklet for
CIELCh(85, 33.442, 334.703)
contains.

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Color

CIELCh(85, 32.927, 333.668)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1F0
RGB	255, 193, 240
RGB Percent	100%, 76%, 94%
CMY	0.0000, 0.2414, 0.0570
CMYK	0.00, 0.24, 0.06, 0.00
HSL	314°, 100%, 88%
HSV	314°, 24%, 100%
XYZ	76.3804, 66.0070, 91.5136
YIQ	216.8960, 21.8650, 27.7610

Conversions

Conversions Part 2

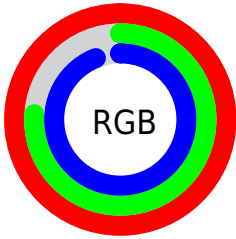
Format	Color
RYB	255, 193, 240
Decimal	16761328
CIELab	85.00, 29.51, -14.61
CIELCh	85, 32.927, 333.668
Yxy	66.0070, 0.3266, 0.2822
Android (android.graphics.Color)	4294951408 (0xFFFFC1F0)
YUV	216.8960, 11.3903, 33.4172
Hunter-Lab	81.2447, 25.6345, -9.9126

Details

The CIELCh color $85, 32.927, 333.668$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 32.626, 150.017$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $65, 32.952, 333.852$ is the 20% darker color. If you saturate the color by 10%, you get $79, 46.289, 334.161$, and if you desaturate by 10%, it is $91, 19.157, 332.732$.

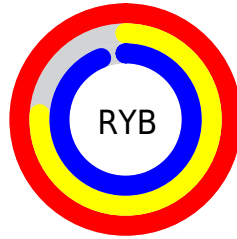
Distribution



Red (100%)

Green (76%)

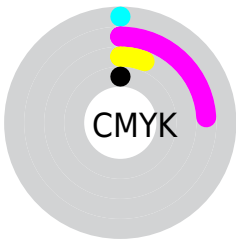
Blue (94%)



Red (100%)

Yellow (76%)

Blue (94%)

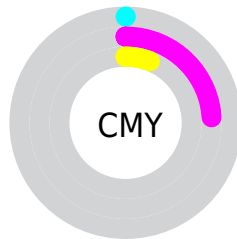


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 32.927, 333.668 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, 32.927, 333.668 by changing the saturation by 10% instead.


 85, 32.927,
333.668

 85, 32.927,
333.668


 100, 32.927,
333.668

 75, 32.927,
333.668

 65, 32.927,
333.668

 55, 32.927,
333.668

 45, 32.927,
333.668

 35, 32.927,
333.668

 25, 32.927,
333.668

 15, 32.927,

333.668

■ 5, 32.927, 333.668

■ 0, 32.927, 333.668

■ 85, 32.927,
333.668

■ 85, 32.927,
333.668

■ 79, 46.289,
334.161

■ 91, 19.157,
332.732

■ 74, 59.198,
334.925

■ 97, 5.568, 332.023

■ 69, 71.033,
335.733

100, 0.012,
296.813

■ 65, 81.179,
336.602

■ 62, 88.995,

337.560

■ 59, 93.975,
338.647

■ 58, 95.965,
339.918

■ 57, 96.067,
340.750

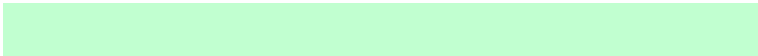
Harmonies

Complementary

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



85, 32.927, 333.668



95, 32.626, 150.017

Rectangle

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



85, 32.927, 333.668



85, 32.927, 23.668



85, 32.927, 153.668



85, 32.927, 203.668

Sweetspot

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



85, 32.817, 333.432



96, 9.442, 332.237



81, 33.189, 301.093



50, 6.138, 332.280



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, 32.817, 333.432



82, 39.414, 333.783



84, 24.411, 0.898



50, 7.682, 332.412



43, 77.603, 340.480



11, 36.445, 338.666

Inverse Universe

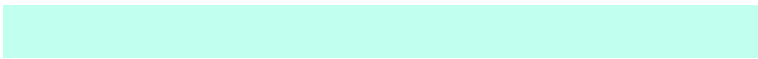
The Inverse Universe completely reimagines the original color for something new.



85, 32.817, 333.432



82, 39.414, 333.783



96, 22.528, 175.988



50, 7.682, 332.412



43, 77.603, 340.480



11, 36.445, 338.666

Previews

White Background



This preview shows how the CIELCh color 85, 32.927, 333.668 looks on a white background.

Color Contrast Check

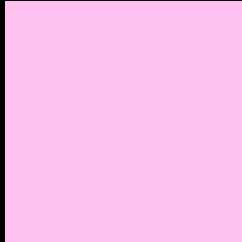
Large Text (above 18pt) WCAG AA × Fail

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, 32.927, 333.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

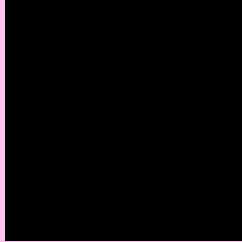
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 32.927, 333.668

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.927, 333.668.



This preview shows how white text looks on a background with the CIELCh color 85, 32.927, 333.668.

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, 21.265, 358.010

Trichromacy



Original Color
85, 32.927, 333.668



Protanomaly
85, 23.571, 307.072



Deuteranomaly
85, 22.385, 320.632

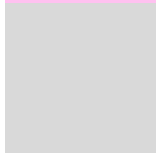


Tritanomaly
85, 25.031, 345.639

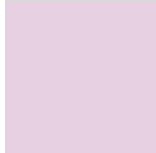
Monochromacy



Original Color
85, 32.927, 333.668



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 12.588, 331.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.927, 333.668 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, 193, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 240)  
}
```

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, 193, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.927, 333.668 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, 193, 240) }
```

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

```
.border{ border-color:rgb(255, 193, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.927, 333.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 240) }
```

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

```
.background{ background-color: rgb(255,  
193, 240) }
```

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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