

Converting Colors

CIELCh(83, 33.205, 338.389)

Have a look what the booklet for
CIELCh(83, 33.205, 338.389)
contains.

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Color

CIELCh(83, 32.874, 338.783)

Conversions

Conversions Part 1

Format	Color
Hex	FEBBE6
RGB	254, 187, 230
RGB Percent	100%, 73%, 90%
CMY	0.0049, 0.2676, 0.0990
CMYK	0.00, 0.26, 0.09, 0.00
HSL	321°, 96%, 86%
HSV	321°, 26%, 100%
XYZ	72.7497, 62.1629, 82.8473
YIQ	211.9350, 26.1290, 27.5770

Conversions

Conversions Part 2

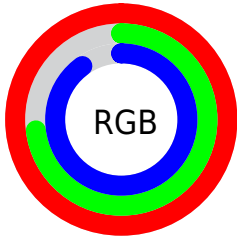
Format	Color
RYB	254, 187, 230
Decimal	16694246
CIELab	83.00, 30.65, -11.90
CIELCh	83, 32.874, 338.783
Yxy	62.1629, 0.3341, 0.2855
Android (android.graphics.Color)	4294884326 (0xFFFEbbe6)
YUV	211.9350, 8.9060, 36.8910
Hunter-Lab	78.8435, 26.7276, -7.1104

Details

The CIELCh color $83, 32.874, 338.783$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 32.386, 154.545$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 6.851, 324.635$, and $63, 32.904, 339.339$ is the 20% darker color. If you saturate the color by 10%, you get $77, 45.221, 339.693$, and if you desaturate by 10%, it is $89, 20.336, 337.947$.

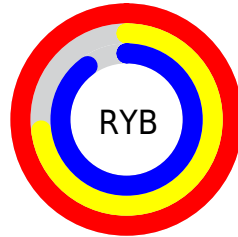
Distribution



Red (100%)

Green (73%)

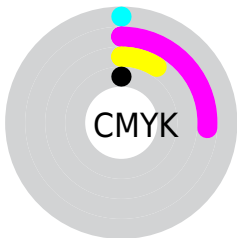
Blue (90%)



Red (100%)

Yellow (73%)

Blue (90%)

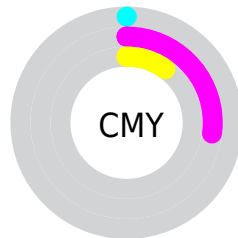


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 32.874, 338.783 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 83, 32.874, 338.783 by changing the saturation by 10% instead.


 83, 32.874,
338.783


 83, 32.874,
338.783


 100, 32.874,
338.783


 73, 32.874,
338.783

 63, 32.874,
338.783

 53, 32.874,
338.783

 43, 32.874,
338.783

 33, 32.874,
338.783

 23, 32.874,
338.783

 13, 32.874,

338.783

■ 3, 32.874, 338.783

■ 0, 32.874, 338.783

■ 83, 32.874,
338.783

■ 83, 32.874,
338.783

■ 77, 45.221,
339.693

■ 89, 20.336,
337.947

■ 72, 57.007,
340.697

■ 95, 7.870, 337.148

■ 67, 67.720,
341.831

100, 0.434,
200.903

■ 63, 76.742,
343.146

■ 60, 83.449,

344.715

■ 57, 87.392,
346.637

■ 56, 88.535,
349.019

■ 56, 88.541,
349.969

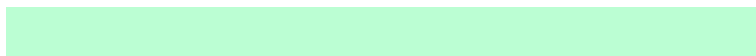
Harmonies

Complementary

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



83, 32.874, 338.783



94, 32.386, 154.545

Rectangle

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



83, 32.874, 338.783



83, 32.874, 28.783



83, 32.874, 158.783



83, 32.874, 208.783

Sweetspot

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



83, 32.871, 338.784



95, 9.896, 337.278



80, 36.735, 305.284



50, 7.042, 337.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 32.871, 338.784



80, 39.994, 339.284



82, 25.944, 9.926



50, 7.042, 337.398



42, 71.813, 349.467



11, 33.867, 346.074

Inverse Universe

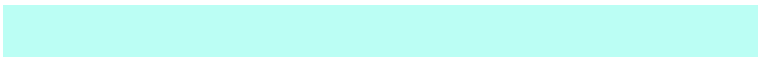
The Inverse Universe completely reimagines the original color for something new.



83, 32.871, 338.784



80, 39.994, 339.284



95, 22.844, 184.853



50, 7.042, 337.398



42, 71.813, 349.467



11, 33.867, 346.074

Previews

White Background



This preview shows how the CIELCh color 83, 32.874, 338.783 looks on a white background.

Color Contrast Check

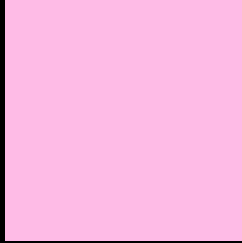
Large Text (above 18pt) WCAG AA × Fail

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 83, 32.874, 338.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

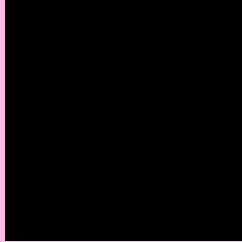
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 32.874, 338.783

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.874, 338.783.



This preview shows how white text looks on a background with the CIELCh color 83, 32.874, 338.783.

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


83, 32.874, 338.783

Protanopia

83, 19.606, 286.966

Deuteranopia

83, 15.084, 314.722

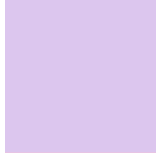


Tritanopia
83, 23.719, 2.075

Trichromacy



Original Color
83, 32.874, 338.783



Protanomaly
83, 22.617, 311.537



Deuteranomaly
83, 21.068, 327.702

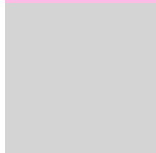


Tritanomaly
83, 26.814, 351.128

Monochromacy



Original Color
83, 32.874, 338.783



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 11.786, 338.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.874, 338.783 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, 187, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 187, 230)  
}
```

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, 187, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 187, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.874, 338.783 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, 187, 230) }
```

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

```
.border{ border-color:rgb(254, 187, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 187, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 187, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 187, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 187,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.874, 338.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 187, 230) }
```

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

```
.background{ background-color: rgb(254,  
187, 230) }
```

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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