

Converting Colors

CIELCh(100, 78.080, 11.001)

Have a look what the booklet for
CIELCh(100, 78.080, 11.001)
contains.

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Color

CIElCh(83, 33.130, 339.250)

Conversions

Conversions Part 1

Format	Color
Hex	FEBAE5
RGB	254, 186, 229
RGB Percent	100%, 73%, 90%
CMY	0.0021, 0.2687, 0.1001
CMYK	0.00, 0.27, 0.10, 0.00
HSL	322°, 98%, 86%
HSV	322°, 27%, 100%
XYZ	72.9098, 62.1629, 82.6304
YIQ	211.2340, 26.7250, 27.7890

Conversions

Conversions Part 2

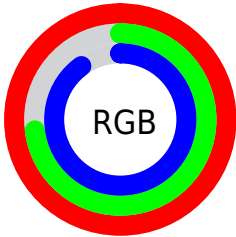
Format	Color
RYB	254, 186, 229
Decimal	16693989
CIELab	83.00, 30.98, -11.74
CIELCh	83, 33.130, 339.250
Yxy	62.1629, 0.3349, 0.2855
Android (android.graphics.Color)	4294884069 (0xFFFEBAE5)
YUV	211.2340, 8.7586, 37.5058
Hunter-Lab	78.8435, 27.0901, -6.9473

Details

The CIELCh color **83, 33.130, 339.250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 32.604, 154.913**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 7.476, 324.660**, and **63, 33.536, 339.123** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.425, 340.178**, and if you desaturate by 10%, it is **89, 20.640, 338.401**.

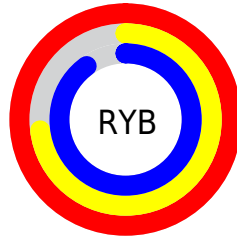
Distribution



Red (100%)

Green (73%)

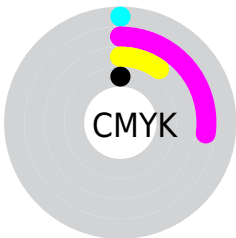
Blue (90%)



Red (100%)

Yellow (73%)

Blue (90%)

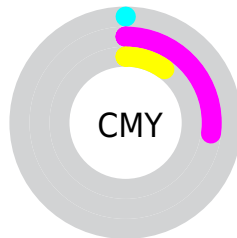


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 33.130, 339.250 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, 33.130, 339.250 by changing the saturation by 10% instead.


 83, 33.130,
339.250


 83, 33.130,
339.250


 100, 33.130,
339.250


 73, 33.130,
339.250

 63, 33.130,
339.250

 53, 33.130,
339.250

 43, 33.130,
339.250

 33, 33.130,
339.250

 23, 33.130,
339.250

 13, 33.130,

339.250

■ 3, 33.130, 339.250

■ 0, 33.130, 339.250

■ 83, 33.130,
339.250

■ 83, 33.130,
339.250

■ 77, 45.425,
340.178

■ 89, 20.640,
338.401

■ 72, 57.152,
341.206

■ 95, 8.221, 337.593

■ 67, 67.796,
342.373

100, 0.189,
202.908

■ 63, 76.738,
343.733

■ 60, 83.354,

345.364

■ 57, 87.205,
347.369

■ 56, 88.280,
349.861

■ 56, 88.293,
350.764

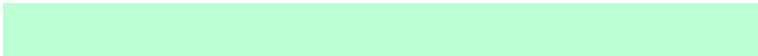
Harmonies

Complementary

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



83, 33.130, 339.250



94, 32.604, 154.913

Rectangle

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



83, 33.130, 339.250



83, 33.130, 29.250



83, 33.130, 159.250



83, 33.130, 209.250

Sweetspot

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



83, 33.127, 339.251



95, 9.830, 337.698



80, 37.349, 305.874



50, 6.995, 337.819



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, 33.127, 339.251



80, 39.746, 339.731



82, 26.280, 11.251



50, 6.995, 337.819



42, 71.460, 350.237



11, 33.697, 346.706

Inverse Universe

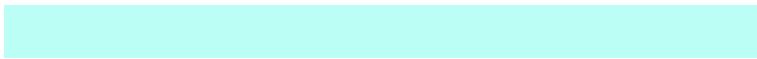
The Inverse Universe completely reimagines the original color for something new.



83, 33.127, 339.251



80, 39.746, 339.731



95, 22.963, 186.221



50, 6.995, 337.819



42, 71.460, 350.237



11, 33.697, 346.706

Previews

White Background



This preview shows how the CIELCh color 83, 33.130, 339.250 looks on a white background.

Color Contrast Check

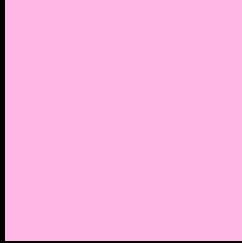
Large Text (above 18pt) WCAG AA × Fail

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, 33.130, 339.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

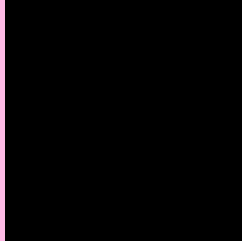
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 33.130, 339.250

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.130, 339.250.




This preview shows how white text looks on a background with the CIELCh color 83, 33.130, 339.250.

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



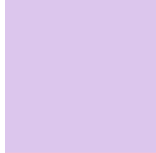


Tritanopia
83, 23.592, 3.298

Trichromacy



Original Color
83, 33.155, 339.259



Protanomaly
83, 22.123, 311.993



Deuteranomaly
83, 21.068, 327.702

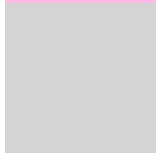


Tritanomaly
83, 26.587, 352.133

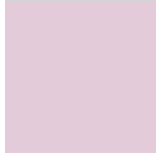
Monochromacy



Original Color
83, 33.155, 339.259



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, 33.130, 339.250 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, 186, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 229)  
}
```

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, 186, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.130, 339.250 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, 186, 229) }
```

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

```
.border{ border-color:rgb(254, 186, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.130, 339.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 229) }
```

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

```
.background{ background-color: rgb(254,  
186, 229) }
```

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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