

Converting Colors

CIELCh(83, 37.900, 331.485)

Have a look what the booklet for
CIELCh(83, 37.900, 331.485)
contains.

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Color

CIELCh(83, 38.055, 331.857)

Conversions

Conversions Part 1

Format	Color
Hex	FEB9F1
RGB	254, 185, 241
RGB Percent	100%, 73%, 95%
CMY	0.0037, 0.2742, 0.0546
CMYK	0.00, 0.27, 0.05, 0.00
HSL	311°, 97%, 86%
HSV	311°, 27%, 100%
XYZ	74.1472, 62.1629, 91.3621
YIQ	212.0150, 23.1480, 32.0440

Conversions

Conversions Part 2

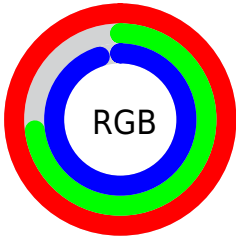
Format	Color
R_{YB}	254, 185, 241
Decimal	16693745
CIE _{Lab}	83.00, 33.56, -17.95
CIE _{LCh}	83, 38.055, 331.857
Yxy	62.1629, 0.3257, 0.2730
Android (android.graphics.Color)	4294883825 (0xFFFE _{B9F1})
YUV	212.0150, 14.2896, 36.8208
Hunter-Lab	78.8435, 29.8916, -13.5135

Details

The CIELCh color **83, 38.055, 331.857** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 37.905, 148.099**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.100, 324.685**, and **63, 38.271, 332.012** is the 20% darker color. If you saturate the color by 10%, you get **77, 51.781, 332.539**, and if you desaturate by 10%, it is **89, 24.012, 331.193**.

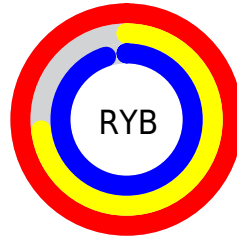
Distribution



Red (100%)

Green (73%)

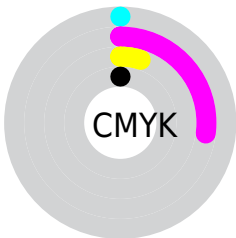
Blue (95%)



Red (100%)

Yellow (73%)

Blue (95%)

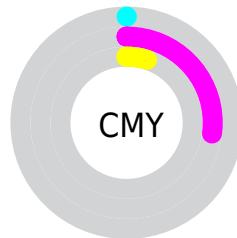


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 38.055, 331.857 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, 38.055, 331.857 by changing the saturation by 10% instead.


 83, 38.055,
331.857


 83, 38.055,
331.857


 100, 38.055,
331.857


 73, 38.055,
331.857

 63, 38.055,
331.857

 53, 38.055,
331.857

 43, 38.055,
331.857

 33, 38.055,
331.857

 23, 38.055,
331.857

 13, 38.055,

331.857

■ 3, 38.055, 331.857

■ 0, 38.055, 331.857

■ 83, 38.055,
331.857

■ 83, 38.055,
331.857

■ 77, 51.781,
332.539

■ 89, 24.012,
331.193

■ 72, 64.773,
333.238

■ 95, 9.961, 330.534

■ 68, 76.477,
333.959

100, 0.323,
201.435

■ 64, 86.258,
334.710

■ 61, 93.505,

335.510

■ 59, 97.806,
336.389

■ 58, 99.178,
337.382

■ 58, 99.269,
337.680

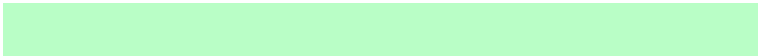
Harmonies

Complementary

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



83, 38.055, 331.857



94, 37.905, 148.099

Rectangle

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



83, 38.055, 331.857



83, 38.055, 21.857



83, 38.055, 151.857



83, 38.055, 201.857

Sweetspot

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



83, 38.052, 331.857



95, 11.172, 330.590



78, 37.310, 299.662



50, 7.948, 330.690



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, 38.052, 331.857



80, 46.272, 332.254



82, 28.063, 357.759



50, 7.948, 330.690



43, 80.372, 337.486



11, 37.615, 336.166

Inverse Universe

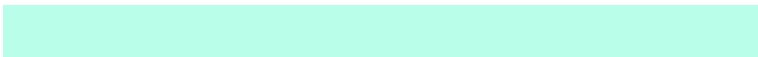
The Inverse Universe completely reimagines the original color for something new.



83, 38.052, 331.857



80, 46.272, 332.254



95, 26.012, 172.137



50, 7.948, 330.690



43, 80.372, 337.486



11, 37.615, 336.166

Previews

White Background



This preview shows how the CIELCh color 83, 38.055, 331.857 looks on a white background.

Color Contrast Check

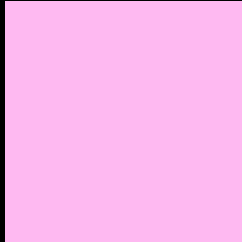
Large Text (above 18pt) WCAG AA × Fail

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, 38.055, 331.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

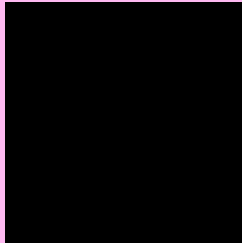
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 38.055, 331.857

Background



This preview shows how black text looks on a background with the CIELCh color 83, 38.055, 331.857.



This preview shows how white text looks on a background with the CIELCh color 83, 38.055, 331.857.

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, 38.055, 331.857

Protanopia
83, 26.519, 286.134

Deuteranopia
83, 19.428, 301.941



Tritanopia
83, 23.361, 1.725

Trichromacy



Original Color
83, 38.055, 331.857



Protanomaly
83, 28.394, 305.432



Deuteranomaly
83, 25.281, 317.157

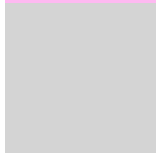


Tritanomaly
83, 27.509, 346.814

Monochromacy



Original Color
83, 38.055, 331.857



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 14.306, 329.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 38.055, 331.857 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, 185, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 241)  
}
```

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, 185, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 38.055, 331.857 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, 185, 241) }
```

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

```
.border{ border-color:rgb(254, 185, 241) }
```

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

Here you see how a box with a 4 pixel rgb(254, 185, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 38.055, 331.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 241) }
```

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

```
.background{ background-color: rgb(254,  
185, 241) }
```

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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