

Converting Colors

CIELCh(83, 31.505, 334.481)

Have a look what the booklet for
CIELCh(83, 31.505, 334.481)
contains.

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Color

CIELCh(83, 31.463, 334.629)

Conversions

Conversions Part 1

Format	Color
Hex	F9BDE9
RGB	249, 189, 233
RGB Percent	98%, 74%, 91%
CMY	0.0251, 0.2603, 0.0878
CMYK	0.00, 0.24, 0.06, 0.03
HSL	316°, 82%, 86%
HSV	316°, 24%, 97%
XYZ	71.6968, 62.1629, 85.0223
YIQ	211.9560, 21.6360, 26.4040

Conversions

Conversions Part 2

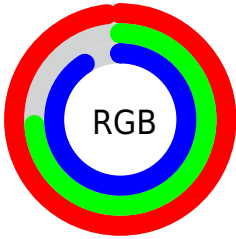
Format	Color
R _Y B	249, 189, 233
Decimal	16367081
CIE Lab	83.00, 28.43, -13.48
CIE LCh	83, 31.463, 334.629
Yxy	62.1629, 0.3276, 0.2840
Android (android.graphics.Color)	4294557161 (0xFFF9BDE9)
YUV	211.9560, 10.3747, 32.4876
Hunter-Lab	78.8435, 24.3439, -8.7460

Details

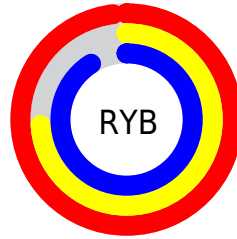
The CIELCh color **83, 31.463, 334.629** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93, 31.228, 151.129**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **63, 31.454, 334.873** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.402, 335.394**, and if you desaturate by 10%, it is **89, 18.352, 333.902**.

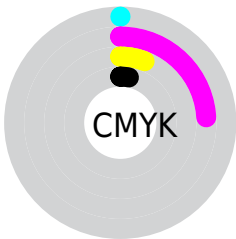
Distribution



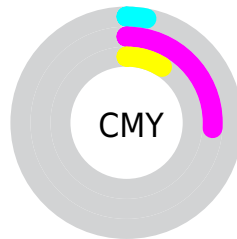
- Red (98%)
- Green (74%)
- Blue (91%)



- Red (98%)
- Yellow (74%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 31.463, 334.629 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, 31.463, 334.629 by changing the saturation by 10% instead.


 83, 31.463,
334.629


 83, 31.463,
334.629


 100, 31.463,
334.629


 73, 31.463,
334.629

 63, 31.463,
334.629

 53, 31.463,
334.629

 43, 31.463,
334.629

 33, 31.463,
334.629

 23, 31.463,
334.629

 13, 31.463,

334.629

■ 3, 31.463, 334.629

■ 0, 31.463, 334.629

■ 83, 31.463,
334.629

■ 83, 31.463,
334.629

■ 77, 44.402,
335.394

■ 89, 18.352,
333.902

■ 72, 56.814,
336.205

■ 95, 5.322, 333.171

■ 67, 68.209,
337.078

■ 99, 2.573, 169.970

■ 100, 2.217,
199.564

■ 63, 77.985,
338.035

■ 60, 85.516,

339.113

■ 57, 90.300,
340.363

■ 56, 92.179,
341.852

■ 56, 92.256,
342.839

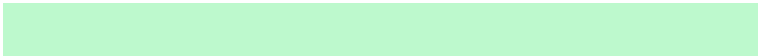
Harmonies

Complementary

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



83, 31.463, 334.629



93, 31.228, 151.129

Rectangle

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



83, 31.463, 334.629



83, 31.463, 24.629



83, 31.463, 154.629



83, 31.463, 204.629

Sweetspot

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



83, 31.460, 334.630



96, 9.238, 333.393



80, 32.543, 301.667



50, 6.005, 333.437



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, 31.460, 334.630



82, 38.596, 335.000



82, 23.763, 2.102



49, 7.394, 333.573



42, 75.227, 342.523



10, 34.845, 340.259

Inverse Universe

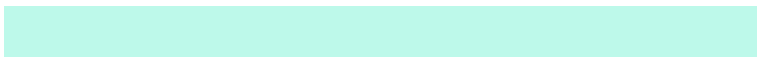
The Inverse Universe completely reimagines the original color for something new.



83, 31.460, 334.630



82, 38.596, 335.000



94, 21.830, 177.216



49, 7.394, 333.573



42, 75.227, 342.523



10, 34.845, 340.259

Previews

White Background



This preview shows how the CIELCh color 83, 31.463, 334.629 looks on a white background.

Color Contrast Check

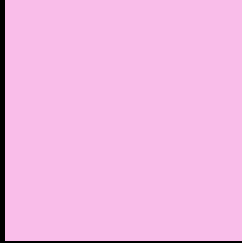
Large Text (above 18pt) WCAG AA × Fail

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, 31.463, 334.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

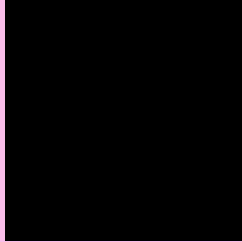
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 31.463, 334.629

Background



This preview shows how black text looks on a background with the CIELCh color 83, 31.463, 334.629.



This preview shows how white text looks on a background with the CIELCh color 83, 31.463, 334.629.

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, 31.463, 334.629

Protanopia

83, 20.132, 287.148

Deuteranopia

83, 16.302, 310.226

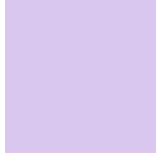


Tritanopia
83, 20.844, 358.964

Trichromacy



Original Color
83, 31.463, 334.629



Protanomaly
83, 22.273, 308.987



Deuteranomaly
83, 21.132, 322.760

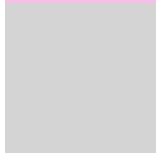


Tritanomaly
83, 24.286, 347.204

Monochromacy



Original Color
83, 31.463, 334.629



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 10.996, 334.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 31.463, 334.629 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(249, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 189, 233)  
}
```

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(249, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 189, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 31.463, 334.629 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(249, 189, 233) }
```

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

```
.border{ border-color:rgb(249, 189, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 189, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 189,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 31.463, 334.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 189, 233) }
```

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

```
.background{ background-color: rgb(249,  
189, 233) }
```

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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