

Converting Colors

CIELCh(83, 31.555, 336.942)

Have a look what the booklet for
CIELCh(83, 31.555, 336.942)
contains.

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Color

CIELCh(83, 31.850, 336.839)

Conversions

Conversions Part 1

Format	Color
Hex	FBBCE7
RGB	251, 188, 231
RGB Percent	98%, 74%, 91%
CMY	0.0162, 0.2632, 0.0946
CMYK	0.00, 0.25, 0.08, 0.02
HSL	319°, 88%, 86%
HSV	319°, 25%, 98%
XYZ	72.1013, 62.1629, 83.7078
YIQ	211.7390, 23.7450, 26.7290

Conversions

Conversions Part 2

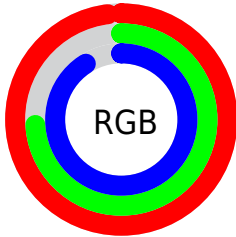
Format	Color
R _Y B	251, 188, 231
Decimal	16497895
CIE Lab	83.00, 29.28, -12.53
CIE LCh	83, 31.850, 336.839
Yxy	62.1629, 0.3308, 0.2852
Android (android.graphics.Color)	4294687975 (0xFFFBBCE7)
YUV	211.7390, 9.4957, 34.4319
Hunter-Lab	78.8435, 25.2598, -7.7575

Details

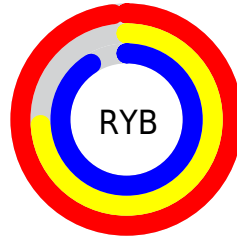
The CIELCh color **83, 31.850, 336.839** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 31.501, 152.996**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **63, 31.848, 337.245** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.437, 337.677**, and if you desaturate by 10%, it is **89, 19.087, 336.057**.

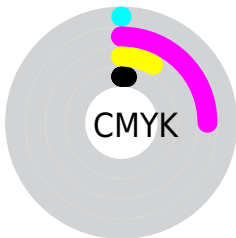
Distribution



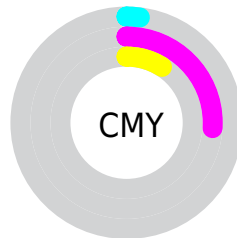
- Red (98%)
- Green (74%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 31.850, 336.839 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, 31.850, 336.839 by changing the saturation by 10% instead.


 83, 31.850,
336.839


 83, 31.850,
336.839


 100, 31.850,
336.839


 73, 31.850,
336.839

 63, 31.850,
336.839

 53, 31.850,
336.839

 43, 31.850,
336.839

 33, 31.850,
336.839

 23, 31.850,
336.839

 13, 31.850,

336.839

■ 3, 31.850, 336.839

■ 0, 31.850, 336.839

■ 83, 31.850,
336.839

■ 83, 31.850,
336.839

■ 77, 44.437,
337.677

■ 89, 19.087,
336.057

■ 72, 56.490,
338.586

■ 95, 6.404, 335.291

■ 67, 67.510,
339.591

■ 100, 1.439,
195.116

■ 63, 76.891,
340.729

■ 100, 1.433,
199.777

■ 60, 84.002,

342.054

■ 57, 88.363,
343.642

■ 56, 89.859,
345.583

■ 56, 89.861,
346.652

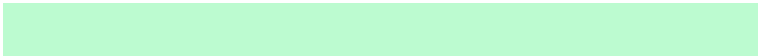
Harmonies

Complementary

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



83, 31.850, 336.839



94, 31.501, 152.996

Rectangle

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



83, 31.850, 336.839



83, 31.850, 26.839



83, 31.850, 156.839



83, 31.850, 206.839

Sweetspot

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



83, 31.847, 336.840



95, 10.188, 335.519



80, 34.412, 304.048



50, 7.249, 335.633



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, 31.847, 336.840



81, 38.554, 337.244



82, 24.514, 7.204



49, 7.130, 335.632



42, 72.793, 346.228



10, 33.788, 343.285

Inverse Universe

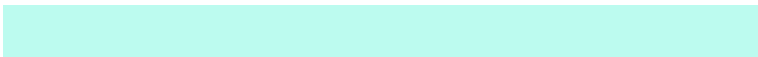
The Inverse Universe completely reimagines the original color for something new.



83, 31.847, 336.840



81, 38.554, 337.244



94, 21.973, 182.258



49, 7.130, 335.632



42, 72.793, 346.228



10, 33.788, 343.285

Previews

White Background



This preview shows how the CIELCh color 83, 31.850, 336.839 looks on a white background.

Color Contrast Check

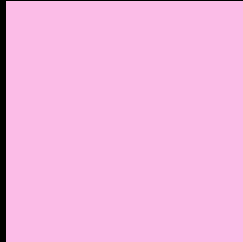
Large Text (above 18pt) WCAG AA × Fail

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, 31.850, 336.839 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, 31.850, 336.839

Background



This preview shows how black text looks on a background with the CIELCh color 83, 31.850, 336.839.



This preview shows how white text looks on a background with the CIELCh color 83, 31.850, 336.839.

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



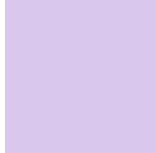


Tritanopia
83, 22.272, 0.607

Trichromacy



Original Color
83, 31.850, 336.839



Protanomaly
83, 21.771, 309.386



Deuteranomaly
83, 21.088, 325.221

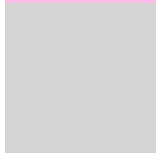


Tritanomaly
83, 24.954, 349.792

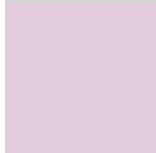
Monochromacy



Original Color
83, 31.850, 336.839



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 11.882, 335.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 31.850, 336.839 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(251, 188, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 188, 231)  
}
```

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(251, 188, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 188, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 31.850, 336.839 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(251, 188, 231) }
```

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

```
.border{ border-color:rgb(251, 188, 231) }
```

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

Here you see how a box with a 4 pixel rgb(251, 188, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 188, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 188, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 188,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 31.850, 336.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 188, 231) }
```

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

```
.background{ background-color: rgb(251,  
188, 231) }
```

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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