

Converting Colors

CIELCh(84, 31.786, 337.530)

Have a look what the booklet for
CIELCh(84, 31.786, 337.530)
contains.

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Color

CIELCh(84, 31.433, 337.516)

Conversions

Conversions Part 1

Format	Color
Hex	FEBFE9
RGB	254, 191, 233
RGB Percent	100%, 75%, 91%
CMY	0.0048, 0.2518, 0.0871
CMYK	0.00, 0.25, 0.08, 0.00
HSL	320°, 96%, 87%
HSV	320°, 25%, 100%
XYZ	74.0497, 64.0658, 85.3880
YIQ	214.6250, 24.0660, 26.4180

Conversions

Conversions Part 2

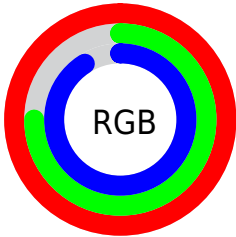
Format	Color
R_{YB}	254, 191, 233
Decimal	16695273
CIE _{Lab}	84.00, 29.04, -12.02
CIE _{LCh}	84, 31.433, 337.516
Yxy	64.0658, 0.3313, 0.2866
Android (android.graphics.Color)	4294885353 (0xFFFE9E9E)
YUV	214.6250, 9.0589, 34.5319
Hunter-Lab	80.0411, 25.0666, -7.2220

Details

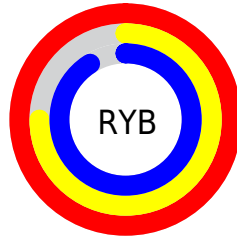
The CIELCh color **84, 31.433, 337.516** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 31.053, 153.663**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **64, 31.404, 337.954** is the 20% darker color. If you saturate the color by 10%, you get **78, 44.022, 338.376**, and if you desaturate by 10%, it is **90, 18.684, 336.717**.

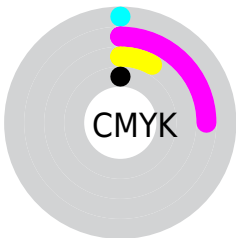
Distribution



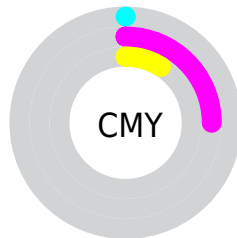
- Red (100%)
- Green (75%)
- Blue (91%)



- Red (100%)
- Yellow (75%)
- Blue (91%)



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





- Cyan (0%)
- Magenta (25%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 31.433, 337.516 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 84, 31.433, 337.516 by changing the saturation by 10% instead.


 84, 31.433,
337.516


 84, 31.433,
337.516


 100, 31.433,
337.516


 74, 31.433,
337.516

 64, 31.433,
337.516

 54, 31.433,
337.516

 44, 31.433,
337.516

 34, 31.433,
337.516

 24, 31.433,
337.516

 14, 31.433,

337.516

■ 4, 31.433, 337.516

■ 0, 31.433, 337.516

■ 84, 31.433,
337.516

■ 84, 31.433,
337.516

■ 78, 44.022,
338.376

■ 90, 18.684,
336.717

■ 73, 56.097,
339.314

■ 96, 6.028, 335.935

■ 68, 67.160,
340.358

100, 0.426,
200.933

■ 64, 76.602,
341.548

■ 60, 83.787,

342.946

■ 58, 88.223,
344.633

■ 56, 89.784,
346.706

■ 56, 89.783,
347.926

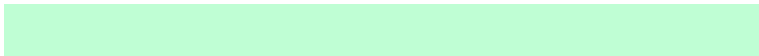
Harmonies

Complementary

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



84, 31.433, 337.516



95, 31.053, 153.663

Rectangle

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



84, 31.433, 337.516



84, 31.433, 27.516



84, 31.433, 157.516



84, 31.433, 207.516

Sweetspot

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



84, 31.430, 337.517



95, 8.807, 336.113



81, 34.318, 304.028



50, 5.725, 336.160



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 31.430, 337.517



81, 38.142, 337.954



83, 24.443, 7.168



50, 7.168, 336.308



42, 72.819, 347.477



11, 34.337, 344.441

Inverse Universe

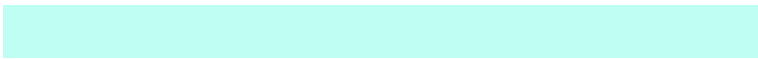
The Inverse Universe completely reimagines the original color for something new.



84, 31.430, 337.517



81, 38.142, 337.954



95, 21.937, 182.285



50, 7.168, 336.308



42, 72.819, 347.477



11, 34.337, 344.441

Previews

White Background



This preview shows how the CIELCh color 84, 31.433, 337.516 looks on a white background.

Color Contrast Check

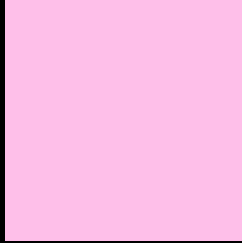
Large Text (above 18pt) WCAG AA × Fail

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 84, 31.433, 337.516 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 84, 31.433, 337.516

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.433, 337.516.



This preview shows how white text looks on a background with the CIELCh color 84, 31.433, 337.516.

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
84, 31.433, 337.516

Protanopia
84, 19.030, 286.748

Deuteranopia
84, 15.044, 314.716

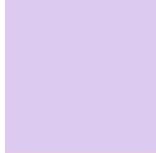


Tritanopia
84, 22.210, 0.574

Trichromacy



Original Color
84, 31.433, 337.516



Protanomaly
84, 21.214, 309.797



Deuteranomaly
84, 20.809, 326.872

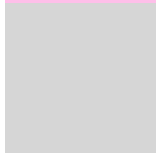


Tritanomaly
84, 25.226, 350.257

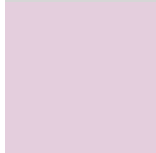
Monochromacy



Original Color
84, 31.433, 337.516



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 11.231, 335.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.433, 337.516 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, 191, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 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(254, 191, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.433, 337.516 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, 191, 233) }
```

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

```
.border{ border-color:rgb(254, 191, 233) }
```

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

Here you see how a box with a 4 pixel rgb(254, 191, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.433, 337.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 233) }
```

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

```
.background{ background-color: rgb(254,  
191, 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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