

Converting Colors

CIELCh(88, 41.085, 354.641)

Have a look what the booklet for
CIELCh(88, 41.085, 354.641)
contains.

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Color

CIELCh(84, 29.769, 341.260)

Conversions

Conversions Part 1

Format	Color
Hex	FEBFE4
RGB	254, 191, 228
RGB Percent	100%, 75%, 89%
CMY	0.0033, 0.2501, 0.1051
CMYK	0.00, 0.25, 0.10, 0.00
HSL	325°, 97%, 87%
HSV	325°, 25%, 100%
XYZ	73.6387, 64.0658, 82.0211
YIQ	214.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

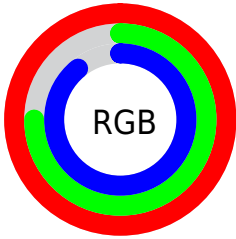
Format	Color
R_{YB}	254, 191, 228
Decimal	16695268
CIE _{Lab}	84.00, 28.19, -9.56
CIE _{LCh}	84, 29.769, 341.260
Yxy	64.0658, 0.3351, 0.2916
Android (android.graphics.Color)	4294885348 (0xFFFE4)
YUV	214.0550, 6.8749, 35.0318
Hunter-Lab	80.0411, 24.1500, -4.7279

Details

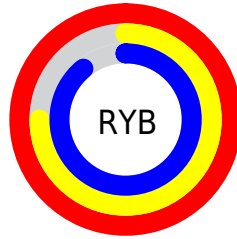
The CIELCh color **84, 29.769, 341.260** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 29.189, 157.108**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **64, 30.040, 341.127** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.794, 342.242**, and if you desaturate by 10%, it is **90, 17.640, 340.369**.

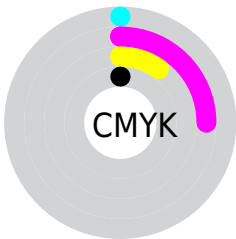
Distribution



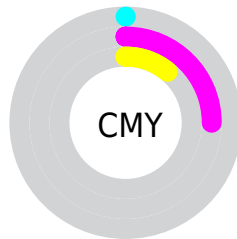
- Red (100%)
- Green (75%)
- Blue (89%)



- Red (100%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.769, 341.260 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, 29.769, 341.260 by changing the saturation by 10% instead.

 84, 29.769,
341.260

 84, 29.769,
341.260


 100, 29.769,
341.260


 74, 29.769,
341.260

 64, 29.769,
341.260

 54, 29.769,
341.260

 44, 29.769,
341.260

 34, 29.769,
341.260

 24, 29.769,
341.260

 14, 29.769,

341.260

■ 4, 29.769, 341.260

■ 0, 29.769, 341.260

■ 84, 29.769,
341.260

■ 84, 29.769,
341.260

■ 78, 41.794,
342.242

■ 90, 17.640,
340.369

■ 73, 53.380,
343.344

■ 97, 5.642, 339.509

■ 68, 64.049,
344.610

100, 0.290,
201.672

■ 63, 73.206,
346.104

■ 60, 80.226,

347.919

■ 57, 84.625,
350.175

■ 56, 86.301,
353.007

■ 55, 86.425,
354.704

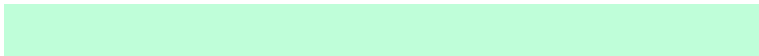
Harmonies

Complementary

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



84, 29.769, 341.260



95, 29.189, 157.108

Rectangle

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



84, 29.769, 341.260



84, 29.769, 31.260



84, 29.769, 161.260



84, 29.769, 211.260

Sweetspot

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



84, 29.766, 341.261



95, 8.323, 339.709



81, 34.648, 306.880



50, 5.411, 339.761



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, 29.766, 341.261



81, 36.186, 341.762



83, 24.144, 13.575



50, 6.777, 339.922



42, 69.983, 354.078



11, 32.954, 349.859

Inverse Universe

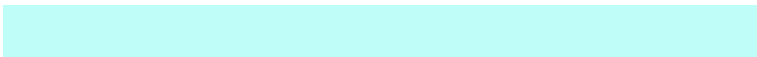
The Inverse Universe completely reimagines the original color for something new.



84, 29.766, 341.261



81, 36.186, 341.762



96, 21.088, 189.236



50, 6.777, 339.922



42, 69.983, 354.078



11, 32.954, 349.859

Previews

White Background



This preview shows how the CIELCh color 84, 29.769, 341.260 looks on a white background.

Color Contrast Check

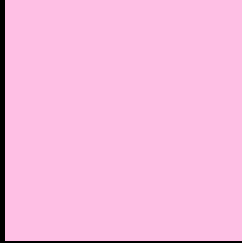
Large Text (above 18pt) WCAG AA × Fail

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, 29.769, 341.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

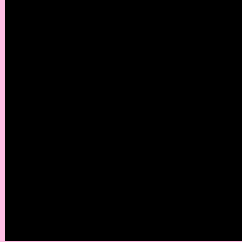
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.769, 341.260

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.769, 341.260.




This preview shows how white text looks on a background with the CIELCh color 84, 29.769, 341.260.

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
84, 22.940, 1.332

Trichromacy



Original Color
84, 29.792, 341.269

Protanomaly
84, 18.997, 314.270

Deuteranomaly
84, 19.403, 331.454

Tritanomaly
84, 25.088, 352.846

Monochromacy



Original Color
84, 29.792, 341.269

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 10.809, 341.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.769, 341.260 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.769, 341.260 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, 228) }
```

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

```
.border{ border-color:rgb(254, 191, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.769, 341.260 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, 228) }
```

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

```
.background{ background-color: rgb(254,  
191, 228) }
```

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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