

Converting Colors

CIELCh(87, 15.243, 341.269)

Have a look what the booklet for
CIELCh(87, 15.243, 341.269)
contains.

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Color

CIELCh(87, 15.514, 340.840)

Conversions

Conversions Part 1

Format	Color
Hex	F2D1E4
RGB	242, 209, 228
RGB Percent	95%, 82%, 89%
CMY	0.0514, 0.1808, 0.1063
CMYK	0.00, 0.14, 0.06, 0.05
HSL	325°, 56%, 88%
HSV	325°, 14%, 95%
XYZ	73.3479, 70.0064, 82.9715
YIQ	221.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

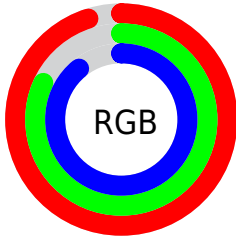
Format	Color
R _Y B	242, 209, 228
Decimal	15913444
CIE Lab	87.00, 14.65, -5.09
CIE LCh	87, 15.514, 340.840
Yxy	70.0064, 0.3241, 0.3093
Android (android.graphics.Color)	4294103524 (0xFFFF2D1E4)
YUV	221.0330, 3.4347, 18.3881
Hunter-Lab	83.6698, 10.0572, -0.2263

Details

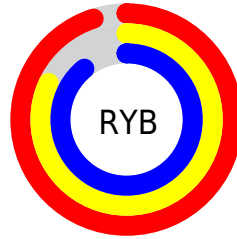
The CIELCh color **87, 15.514, 340.840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 15.323, 158.710**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 16.044, 340.241** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.070, 341.738**, and if you desaturate by 10%, it is **93, 4.099, 339.958**.

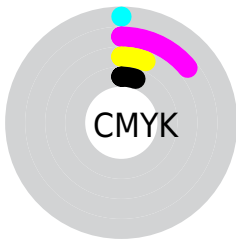
Distribution



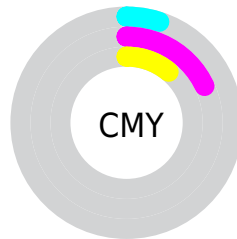
- Red (95%)
- Green (82%)
- Blue (89%)



- Red (95%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 15.514, 340.840 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 87, 15.514, 340.840 by changing the saturation by 10% instead.


 87, 15.514,
340.840


 87, 15.514,
340.840


 100, 15.514,
340.840


 77, 15.514,
340.840

 67, 15.514,
340.840

 57, 15.514,
340.840

 47, 15.514,
340.840

 37, 15.514,
340.840

 27, 15.514,
340.840

 17, 15.514,

340.840

■ 7, 15.514, 340.840

■ 0, 15.514, 340.840

■ 87, 15.514,
340.840

■ 87, 15.514,
340.840

■ 81, 27.070,
341.738

■ 93, 4.099, 339.958

■ 75, 38.574,
342.722

■ 99, 5.694, 163.219

■ 99, 4.517, 199.266

■ 70, 49.714,
343.829

■ 65, 60.052,
345.101

■ 61, 69.035,

346.604

■ 57, 76.065,
348.429

■ 55, 80.651,
350.697

■ 53, 82.639,
353.550

■ 53, 82.911,
355.662

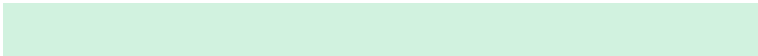
Harmonies

Complementary

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



87, 15.514, 340.840



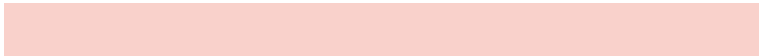
93, 15.323, 158.710

Rectangle

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



87, 15.514, 340.840



87, 15.514, 30.840



87, 15.514, 160.840



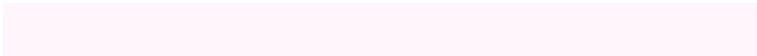
87, 15.514, 210.840

Sweetspot

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



87, 15.511, 340.842



97, 4.704, 339.997



86, 18.060, 306.795



52, 3.345, 340.071



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 15.511, 340.842



90, 19.030, 341.052



87, 12.299, 13.620



47, 6.389, 340.485



40, 67.607, 355.004



9, 30.313, 349.968

Inverse Universe

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



87, 15.511, 340.842



90, 19.030, 341.052



93, 11.420, 191.546



47, 6.389, 340.485



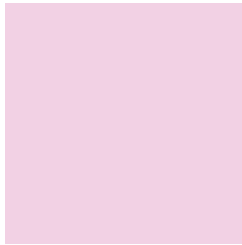
40, 67.607, 355.004



9, 30.313, 349.968

Previews

White Background



This preview shows how the CIELCh color 87, 15.514, 340.840 looks on a white background.

Color Contrast Check

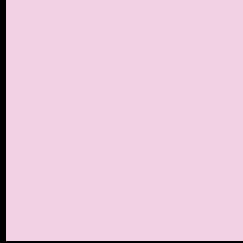
Large Text (above 18pt) WCAG AA × Fail

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 87, 15.514, 340.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

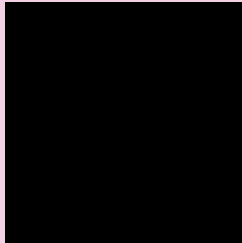
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 15.514, 340.840

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.514, 340.840.



This preview shows how white text looks on a background with the CIELCh color 87, 15.514, 340.840.

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

87, 15.514, 340.840

Protanopia

87, 8.393, 293.265

Deuteranopia

87, 11.432, 336.957



Tritanopia
87, 14.891, 343.968

Trichromacy



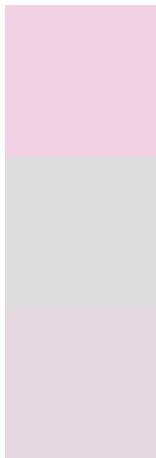
Original Color
87, 15.514, 340.840

Protanomaly
87, 10.076, 318.040

Deuteranomaly
87, 12.855, 339.823

Tritanomaly
87, 15.196, 342.371

Monochromacy



Original Color
87, 15.514, 340.840

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.684, 339.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.514, 340.840 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(242, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 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(242, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.514, 340.840 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(242, 209, 228) }
```

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

```
.border{ border-color:rgb(242, 209, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.514, 340.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 228) }
```

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

```
.background{ background-color: rgb(242,  
209, 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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