

Converting Colors

CIELCh(87, 16.854, 344.790)

Have a look what the booklet for
CIELCh(87, 16.854, 344.790)
contains.

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Color

CIELCh(87, 16.665, 344.195)

Conversions

Conversions Part 1

Format	Color
Hex	F5D0E3
RGB	245, 208, 227
RGB Percent	96%, 82%, 89%
CMY	0.0396, 0.1846, 0.1101
CMYK	0.00, 0.15, 0.07, 0.04
HSL	329°, 65%, 89%
HSV	329°, 15%, 96%
XYZ	74.0122, 70.0064, 82.2205
YIQ	221.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

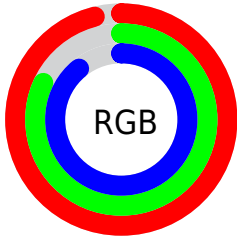
Format	Color
R _Y B	245, 208, 227
Decimal	16109795
CIE Lab	87.00, 16.03, -4.54
CIE LCh	87, 16.665, 344.195
Yxy	70.0064, 0.3271, 0.3094
Android (android.graphics.Color)	4294299875 (0xFFFF5D0E3)
YUV	221.2290, 2.8451, 20.8472
Hunter-Lab	83.6698, 11.4744, 0.3059

Details

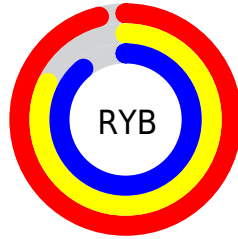
The CIELCh color **87, 16.665, 344.195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 16.363, 161.665**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 16.609, 344.450** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.917, 345.184**, and if you desaturate by 10%, it is **93, 5.568, 343.266**.

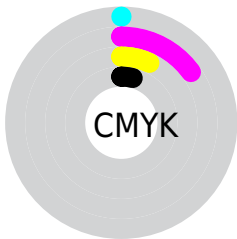
Distribution



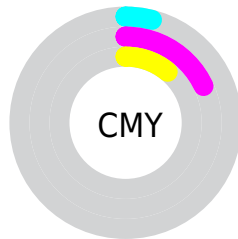
- Red (96%)
- Green (82%)
- Blue (89%)



- Red (96%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 16.665, 344.195 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, 16.665, 344.195 by changing the saturation by 10% instead.


 87, 16.665,
344.195


 87, 16.665,
344.195


 100, 16.665,
344.195


 77, 16.665,
344.195

 67, 16.665,
344.195

 57, 16.665,
344.195

 47, 16.665,
344.195

 37, 16.665,
344.195

 27, 16.665,
344.195

 17, 16.665,

344.195

■ 7, 16.665, 344.195

■ 0, 16.665, 344.195

■ 87, 16.665,
344.195

■ 87, 16.665,
344.195

■ 81, 27.917,
345.184

■ 93, 5.568, 343.266

■ 75, 39.130,
346.290

■ 99, 4.147, 167.871

■ 99, 3.487, 199.374

■ 70, 49.985,
347.561

■ 65, 60.039,
349.057

■ 61, 68.738,

350.868

■ 57, 75.497,
353.116

■ 55, 79.882,
355.956

■ 53, 81.848,
359.546

■ 53, 82.263, 1.537

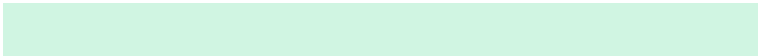
Harmonies

Complementary

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



87, 16.665, 344.195



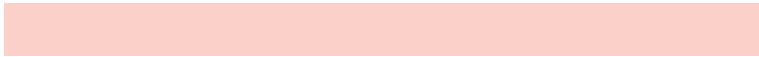
94, 16.363, 161.665

Rectangle

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



87, 16.665, 344.195



87, 16.665, 34.195



87, 16.665, 164.195



87, 16.665, 214.195

Sweetspot

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



87, 16.662, 344.198



97, 5.635, 343.257



86, 20.488, 309.190



51, 3.847, 343.326



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

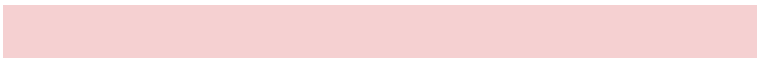
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 16.662, 344.198



88, 20.574, 344.477



87, 13.800, 19.077



48, 6.228, 343.678



40, 67.058, 0.750



9, 30.388, 354.858

Inverse Universe

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



87, 16.662, 344.198



88, 20.574, 344.477



94, 12.548, 197.184



48, 6.228, 343.678



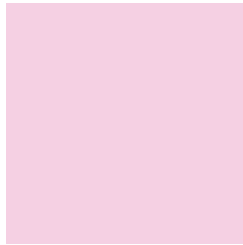
40, 67.058, 0.750



9, 30.388, 354.858

Previews

White Background



This preview shows how the CIELCh color 87, 16.665, 344.195 looks on a white background.

Color Contrast Check

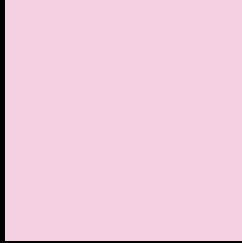
Large Text (above 18pt) WCAG AA × Fail

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, 16.665, 344.195 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, 16.665, 344.195

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.665, 344.195.

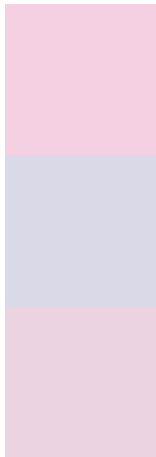


This preview shows how white text looks on a background with the CIELCh color 87, 16.665, 344.195.

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, 16.665, 344.195

Protanopia
87, 7.871, 293.386

Deuteranopia
87, 11.706, 338.210



Tritanopia
87, 16.096, 347.226

Trichromacy



Original Color
87, 16.665, 344.195

Protanomaly
87, 9.793, 321.308

Deuteranomaly
87, 13.423, 341.915

Tritanomaly
87, 16.374, 345.683

Monochromacy



Original Color
87, 16.665, 344.195

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.259, 344.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.665, 344.195 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(245, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 227)  
}
```

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(245, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.665, 344.195 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(245, 208, 227) }
```

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

```
.border{ border-color:rgb(245, 208, 227) }
```

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

Here you see how a box with a 4 pixel rgb(245, 208, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.665, 344.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 227) }
```

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

```
.background{ background-color: rgb(245,  
208, 227) }
```

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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