

Converting Colors

CIELCh(87, 17.494, 344.606)

Have a look what the booklet for
CIELCh(87, 17.494, 344.606)
contains.

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Color

CIELCh(87, 17.557, 344.303)

Conversions

Conversions Part 1

Format	Color
Hex	F6CFE3
RGB	246, 207, 227
RGB Percent	96%, 81%, 89%
CMY	0.0339, 0.1869, 0.1085
CMYK	0.00, 0.16, 0.08, 0.03
HSL	329°, 69%, 89%
HSV	329°, 16%, 97%
XYZ	74.4316, 70.0064, 82.5067
YIQ	220.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

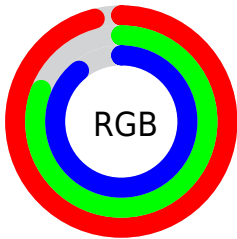
Format	Color
R_{YB}	246, 207, 227
Decimal	16175075
CIE Lab	87.00, 16.90, -4.75
CIE LCh	87, 17.557, 344.303
Yxy	70.0064, 0.3280, 0.3085
Android (android.graphics.Color)	4294365155 (0xFFFF6CFE3)
YUV	220.9410, 2.9871, 21.9767
Hunter-Lab	83.6698, 12.3691, 0.1031

Details

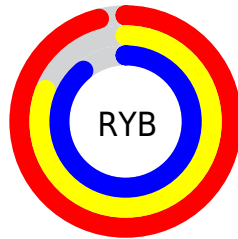
The CIELCh color **87, 17.557, 344.303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.224, 161.632**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 17.242, 343.772** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.863, 345.300**, and if you desaturate by 10%, it is **93, 6.396, 343.376**.

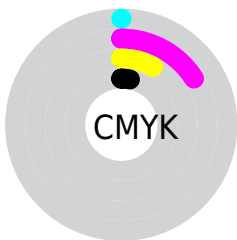
Distribution



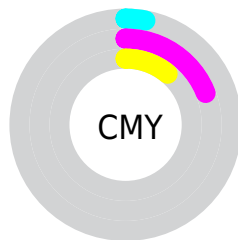
- Red (96%)
- Green (81%)
- Blue (89%)



- Red (96%)
- Yellow (81%)
- Blue (89%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 17.557, 344.303 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, 17.557, 344.303 by changing the saturation by 10% instead.


 87, 17.557,
344.303


 87, 17.557,
344.303


 100, 17.557,
344.303


 77, 17.557,
344.303

 67, 17.557,
344.303

 57, 17.557,
344.303

 47, 17.557,
344.303

 37, 17.557,
344.303

 27, 17.557,
344.303

 17, 17.557,

344.303

■ 7, 17.557, 344.303

■ 0, 17.557, 344.303

■ 87, 17.557,
344.303

■ 87, 17.557,
344.303

■ 81, 28.863,
345.300

■ 93, 6.396, 343.376

■ 75, 40.111,
346.418

■ 99, 3.558, 167.913

■ 99, 2.996, 199.436

■ 70, 50.971,
347.706

■ 65, 60.990,
349.225

■ 61, 69.603,

351.068

■ 57, 76.228,
353.360

■ 55, 80.448,
356.257

■ 54, 82.259,
359.918

■ 53, 82.614, 1.620

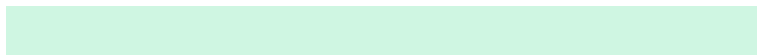
Harmonies

Complementary

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



87, 17.557, 344.303



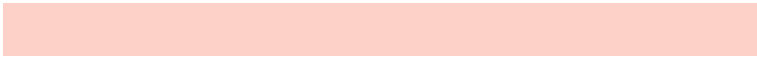
94, 17.224, 161.632

Rectangle

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



87, 17.557, 344.303



87, 17.557, 34.303



87, 17.557, 164.303



87, 17.557, 214.303

Sweetspot

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



87, 17.554, 344.306



97, 5.632, 343.295



86, 21.602, 309.228



51, 3.845, 343.364



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

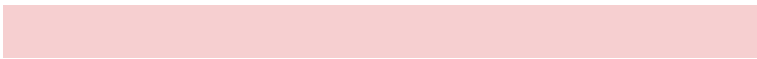
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 17.554, 344.306



88, 21.727, 344.613



87, 14.576, 19.143



48, 6.225, 343.716



40, 67.049, 0.818



9, 30.381, 354.913

Inverse Universe

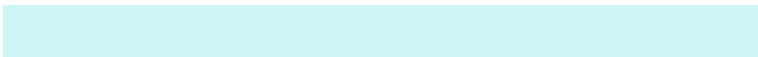
The Inverse Universe completely reimagines the original color for something new.



87, 17.554, 344.306



88, 21.727, 344.613



94, 13.189, 197.140



48, 6.225, 343.716



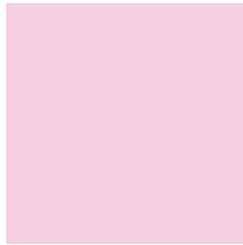
40, 67.049, 0.818



9, 30.381, 354.913

Previews

White Background



This preview shows how the CIELCh color 87, 17.557, 344.303 looks on a white background.

Color Contrast Check

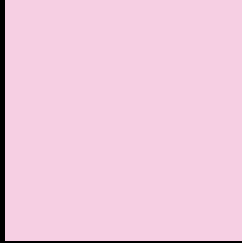
Large Text (above 18pt) WCAG AA × Fail

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, 17.557, 344.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

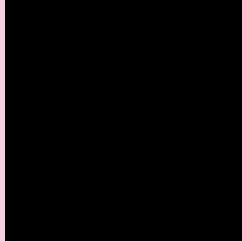
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.557, 344.303

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.557, 344.303.

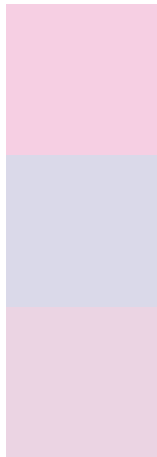


This preview shows how white text looks on a background with the CIELCh color 87, 17.557, 344.303.

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, 17.557, 344.303

Protanopia
87, 8.393, 293.265

Deuteranopia
87, 11.432, 336.957



Tritanopia
87, 16.143, 349.550

Trichromacy



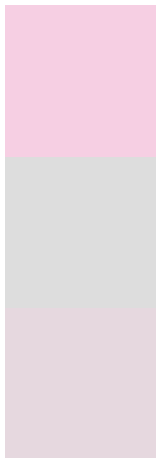
Original Color
87, 17.557, 344.303

Protanomaly
87, 10.882, 320.131

Deuteranomaly
87, 13.745, 340.199

Tritanomaly
87, 16.402, 347.970

Monochromacy



Original Color
87, 17.557, 344.303

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, 17.557, 344.303 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(246, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 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(246, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.557, 344.303 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(246, 207, 227) }
```

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

```
.border{ border-color:rgb(246, 207, 227) }
```

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

Here you see how a box with a 4 pixel rgb(246, 207, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.557, 344.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 227) }
```

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

```
.background{ background-color: rgb(246,  
207, 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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