

Converting Colors

CIELCh(87, 17.269, 334.111)

Have a look what the booklet for
CIELCh(87, 17.269, 334.111)
contains.

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Color

CIELCh(87, 17.254, 334.107)

Conversions

Conversions Part 1

Format	Color
Hex	F2D1E9
RGB	242, 209, 233
RGB Percent	95%, 82%, 91%
CMY	0.0529, 0.1823, 0.0882
CMYK	0.00, 0.14, 0.04, 0.05
HSL	316°, 55%, 88%
HSV	316°, 14%, 95%
XYZ	73.7648, 70.0064, 86.3448
YIQ	221.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

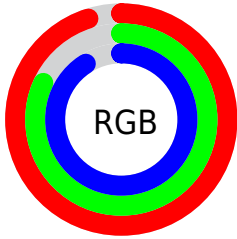
Format	Color
R _Y B	242, 209, 233
Decimal	15913449
CIE Lab	87.00, 15.52, -7.53
CIE LCh	87, 17.254, 334.107
Yxy	70.0064, 0.3206, 0.3042
Android (android.graphics.Color)	4294103529 (0xFFFF2D1E9)
YUV	221.6030, 5.6187, 17.8882
Hunter-Lab	83.6698, 10.9466, -2.6167

Details

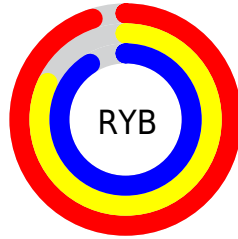
The CIELCh color `87, 17.254, 334.107` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `92, 17.159, 152.254`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 17.505, 334.687` is the 20% darker color. If you saturate the color by 10%, you get `81, 30.003, 334.839`, and if you desaturate by 10%, it is `93, 4.587, 333.366`.

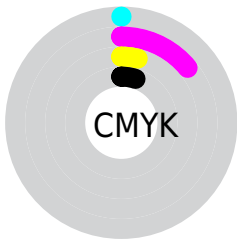
Distribution



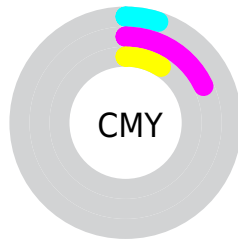
- Red (95%)
- Green (82%)
- Blue (91%)



- Red (95%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 17.254, 334.107 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, 17.254, 334.107 by changing the saturation by 10% instead.


 87, 17.254,
334.107


 87, 17.254,
334.107


 100, 17.254,
334.107


 77, 17.254,
334.107

 67, 17.254,
334.107

 57, 17.254,
334.107

 47, 17.254,
334.107

 37, 17.254,
334.107

 27, 17.254,
334.107

 17, 17.254,

334.107

■ 7, 17.254, 334.107

■ 0, 17.254, 334.107

■ 87, 17.254,
334.107

■ 87, 17.254,
334.107

■ 81, 30.003,
334.839

■ 93, 4.587, 333.366

■ 76, 42.610,
335.607

■ 99, 6.733, 154.363

■ 99, 4.896, 182.701

■ 70, 54.727,
336.424

■ 99, 4.653, 199.253

■ 66, 65.885,
337.305

■ 62, 75.505,

338.274

■ 58, 82.974,
339.367

■ 56, 87.792,
340.638

■ 54, 89.777,
342.153

■ 54, 89.905,
343.245

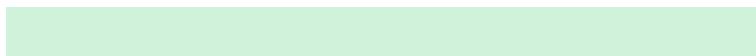
Harmonies

Complementary

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



87, 17.254, 334.107



92, 17.159, 152.254

Rectangle

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



87, 17.254, 334.107



87, 17.254, 24.107



87, 17.254, 154.107



87, 17.254, 204.107

Sweetspot

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



87, 17.251, 334.108



97, 5.245, 333.397



85, 17.680, 301.435



52, 3.729, 333.459



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, 17.251, 334.108



90, 21.152, 334.280



87, 12.763, 2.049



47, 7.114, 333.809



41, 73.432, 342.912



9, 32.910, 340.348

Inverse Universe

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



87, 17.251, 334.108



90, 21.152, 334.280



93, 12.150, 179.527



47, 7.114, 333.809



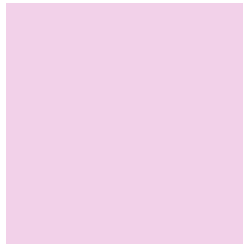
41, 73.432, 342.912



9, 32.910, 340.348

Previews

White Background



This preview shows how the CIELCh color 87, 17.254, 334.107 looks on a white background.

Color Contrast Check

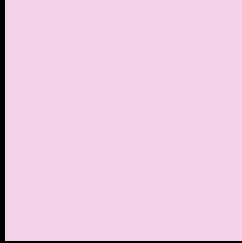
Large Text (above 18pt) WCAG AA × Fail

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, 17.254, 334.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

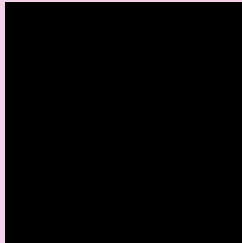
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.254, 334.107

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.254, 334.107.



This preview shows how white text looks on a background with the CIELCh color 87, 17.254, 334.107.

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, 17.254, 334.107

Protanopia
87, 10.474, 289.161

Deuteranopia
87, 12.915, 326.224



Tritanopia
87, 13.997, 343.844

Trichromacy



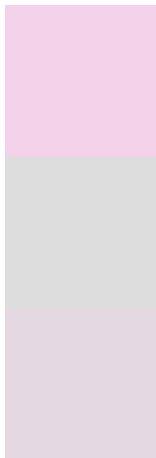
Original Color
87, 17.254, 334.107

Protanomaly
87, 11.714, 310.277

Deuteranomaly
87, 14.199, 329.788

Tritanomaly
87, 15.239, 339.931

Monochromacy



Original Color
87, 17.254, 334.107

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.411, 332.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.254, 334.107 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 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(242, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.254, 334.107 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, 233) }
```

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

```
.border{ border-color:rgb(242, 209, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.254, 334.107 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, 233) }
```

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

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