

Converting Colors

CIELCh(87, 18.178, 329.834)

Have a look what the booklet for
CIELCh(87, 18.178, 329.834)
contains.

CIELCh(87, 18.178, 329.834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 18.178, 329.834)

Conversions

Conversions Part 1

Format	Color
Hex	F1D1EC
RGB	241, 209, 236
RGB Percent	95%, 82%, 93%
CMY	0.0568, 0.1823, 0.0764
CMYK	0.00, 0.13, 0.02, 0.06
HSL	309°, 52%, 88%
HSV	309°, 13%, 94%
XYZ	73.8584, 70.0064, 88.6029
YIQ	221.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

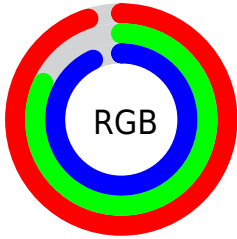
Format	Color
R_{YB}	241, 209, 236
Decimal	15847916
CIE _{Lab}	87.00, 15.72, -9.13
CIE _{LCh}	87, 18.178, 329.834
Yxy	70.0064, 0.3177, 0.3011
Android (android.graphics.Color)	4294037996 (0xFFFF1D1EC)
YUV	221.6460, 7.0765, 16.9735
Hunter-Lab	83.6698, 11.1463, -4.2168

Details

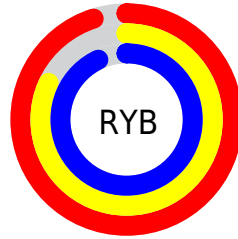
The CIELCh color **87, 18.178, 329.834** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92, 18.129, 148.192**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.467, 330.207** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.937, 330.469**, and if you desaturate by 10%, it is **93, 4.481, 329.168**.

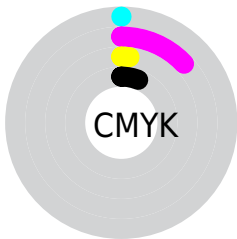
Distribution



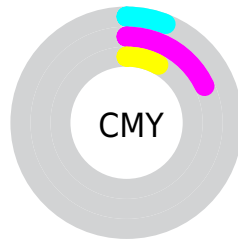
- Red (95%)
- Green (82%)
- Blue (93%)



- Red (95%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 18.178, 329.834 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, 18.178, 329.834 by changing the saturation by 10% instead.


 87, 18.178,
329.834


 87, 18.178,
329.834


 100, 18.178,
329.834


 77, 18.178,
329.834

 67, 18.178,
329.834

 57, 18.178,
329.834

 47, 18.178,
329.834

 37, 18.178,
329.834

 27, 18.178,
329.834

 17, 18.178,

329.834

■ 7, 18.178, 329.834

■ 0, 18.178, 329.834

■ 87, 18.178,
329.834

■ 87, 18.178,
329.834

■ 81, 31.937,
330.469

■ 93, 4.481, 329.168

■ 76, 45.515,
331.111

■ 99, 7.982, 149.317

■ 99, 6.604, 159.835

■ 71, 58.547,
331.761

■ 99, 5.546, 175.005

■ 66, 70.549,
332.414

■ 99, 5.015, 195.123

■ 99, 4.990, 199.222

■ 62, 80.940,

333.074

■ 59, 89.113,
333.747

■ 57, 94.587,
334.450

■ 56, 97.186,
335.208

■ 55, 97.661,
335.753

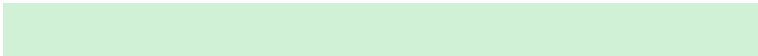
Harmonies

Complementary

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



87, 18.178, 329.834



92, 18.129, 148.192

Rectangle

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



87, 18.178, 329.834



87, 18.178, 19.834



87, 18.178, 149.834



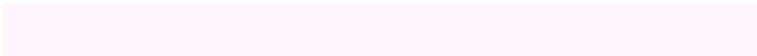
87, 18.178, 199.834

Sweetspot

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



87, 18.175, 329.835



97, 5.701, 329.225



85, 16.964, 297.140



52, 4.053, 329.280



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, 18.175, 329.835



90, 22.960, 330.009



87, 13.062, 353.834



47, 7.728, 329.592



42, 79.926, 335.604



9, 35.479, 334.425

Inverse Universe

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



87, 18.175, 329.835



90, 22.960, 330.009



92, 12.651, 171.390



47, 7.728, 329.592



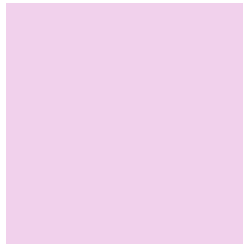
42, 79.926, 335.604



9, 35.479, 334.425

Previews

White Background



This preview shows how the CIELCh color 87, 18.178, 329.834 looks on a white background.

Color Contrast Check

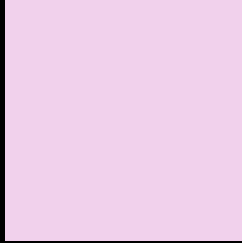
Large Text (above 18pt) WCAG AA × Fail

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, 18.178, 329.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

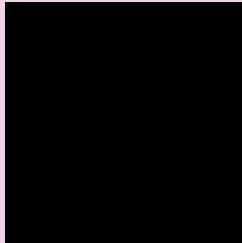
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.178, 329.834

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.178, 329.834.



This preview shows how white text looks on a background with the CIELCh color 87, 18.178, 329.834.

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, 18.178, 329.834

Protanopia

87, 12.573, 288.100

Deuteranopia

87, 14.029, 321.293



Tritanopia
87, 13.423, 341.915

Trichromacy



Original Color
87, 18.178, 329.834

Protanomaly
87, 13.609, 306.030

Deuteranomaly
87, 15.232, 324.985

Tritanomaly
87, 15.310, 337.514

Monochromacy



Original Color
87, 18.178, 329.834

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.804, 329.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.178, 329.834 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(241, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 236)  
}
```

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(241, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.178, 329.834 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(241, 209, 236) }
```

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

```
.border{ border-color:rgb(241, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.178, 329.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 236) }
```

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

```
.background{ background-color: rgb(241,  
209, 236) }
```

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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