

Converting Colors

CIELCh(87, 27.360, 332.769)

Have a look what the booklet for
CIELCh(87, 27.360, 332.769)
contains.

CIELCh(87, 27.211, 333.111)	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, 27.211, 333.111)

Conversions

Conversions Part 1

Format	Color
Hex	FECBF2
RGB	254, 203, 242
RGB Percent	100%, 80%, 95%
CMY	0.0050, 0.2049, 0.0520
CMYK	0.00, 0.20, 0.05, 0.00
HSL	314°, 95%, 90%
HSV	314°, 20%, 100%
XYZ	78.0583, 70.0064, 93.1956
YIQ	222.6950, 17.8770, 22.9410

Conversions

Conversions Part 2

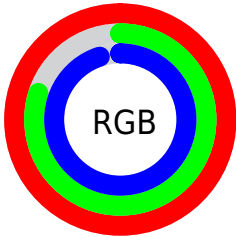
Format	Color
R_{YB}	254, 203, 242
Decimal	16698354
CIE _{Lab}	87.00, 24.27, -12.31
CIE _{LCh}	87, 27.211, 333.111
Yxy	70.0064, 0.3235, 0.2902
Android (android.graphics.Color)	4294888434 (0xFFFE _{CB} F2)
YUV	222.6950, 9.5174, 27.4545
Hunter-Lab	83.6698, 20.1062, -7.4712

Details

The CIELCh color **87, 27.211, 333.111** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 27.065, 150.339**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 26.999, 333.153** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.748, 333.827**, and if you desaturate by 10%, it is **93, 13.598, 332.419**.

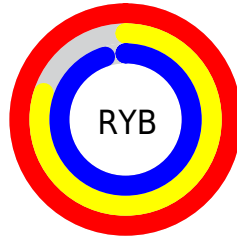
Distribution



Red (100%)

Green (80%)

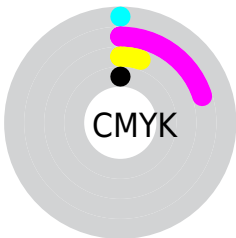
Blue (95%)



Red (100%)

Yellow (80%)

Blue (95%)

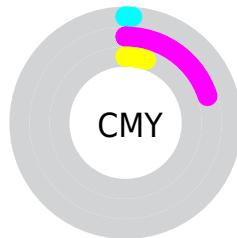


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (0%)



Cyan (1%)


Magenta (20%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 27.211, 333.111 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, 27.211, 333.111 by changing the saturation by 10% instead.


 87, 27.211,
333.111


 87, 27.211,
333.111


 100, 27.211,
333.111


 77, 27.211,
333.111

 67, 27.211,
333.111

 57, 27.211,
333.111

 47, 27.211,
333.111

 37, 27.211,
333.111

 27, 27.211,
333.111

 17, 27.211,

333.111

■ 7, 27.211, 333.111

■ 0, 27.211, 333.111

■ 87, 27.211,
333.111

■ 87, 27.211,
333.111

■ 81, 40.748,
333.827

■ 93, 13.598,
332.419

■ 76, 53.893,
334.574

100, 0.135,
328.965

■ 71, 66.190,
335.361

100, 0.440,
200.885

■ 66, 77.062,
336.201

■ 62, 85.866,

337.115

■ 60, 92.021,
338.139

■ 58, 95.204,
339.323

■ 57, 95.772,
340.686

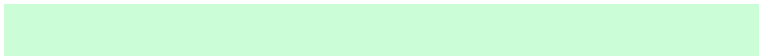
Harmonies

Complementary

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



87, 27.211, 333.111



95, 27.065, 150.339

Rectangle

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



87, 27.211, 333.111



87, 27.211, 23.111



87, 27.211, 153.111



87, 27.211, 203.111

Sweetspot

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



87, 27.208, 333.112



96, 8.092, 332.132



84, 27.310, 300.744



51, 5.370, 332.179



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, 27.208, 333.112



85, 32.652, 333.388



86, 20.083, 0.384



50, 7.687, 332.379



43, 77.653, 340.421



11, 36.467, 338.617

Inverse Universe

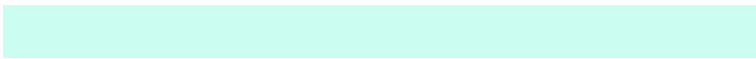
The Inverse Universe completely reimagines the original color for something new.



87, 27.208, 333.112



85, 32.652, 333.388



96, 18.798, 176.414



50, 7.687, 332.379



43, 77.653, 340.421



11, 36.467, 338.617

Previews

White Background



This preview shows how the CIELCh color 87, 27.211, 333.111 looks on a white background.

Color Contrast Check

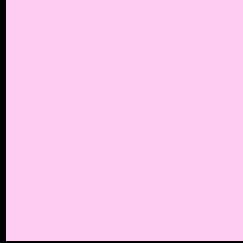
Large Text (above 18pt) WCAG AA × Fail

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, 27.211, 333.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

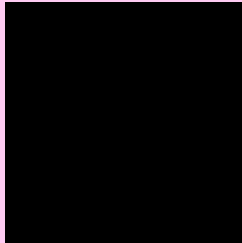
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 27.211, 333.111

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.211, 333.111.



This preview shows how white text looks on a background with the CIELCh color 87, 27.211, 333.111.

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, 27.211, 333.111

Protanopia
87, 18.356, 287.517

Deuteranopia
87, 15.902, 313.205

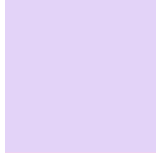


Tritanopia
87, 18.426, 353.984

Trichromacy



Original Color
87, 27.211, 333.111



Protanomaly
87, 20.253, 307.419



Deuteranomaly
87, 19.682, 322.530

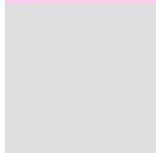


Tritanomaly
87, 21.088, 344.693

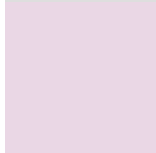
Monochromacy



Original Color
87, 27.211, 333.111



Achromatopsia
88, 0.011, 296.813



Achromatomaly
88, 10.027, 333.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.211, 333.111 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(254, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 242)  
}
```

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(254, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.211, 333.111 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(254, 203, 242) }
```

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

```
.border{ border-color:rgb(254, 203, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.211, 333.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 242) }
```

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

```
.background{ background-color: rgb(254,  
203, 242) }
```

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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