

Converting Colors

CIELCh(87, 13.347, 351.697)

Have a look what the booklet for
CIELCh(87, 13.347, 351.697)
contains.

CIELCh(87, 13.233, 352.198)	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, 13.233, 352.198)

Conversions

Conversions Part 1

Format	Color
Hex	F2D2DE
RGB	242, 210, 222
RGB Percent	95%, 82%, 87%
CMY	0.0523, 0.1777, 0.1307
CMYK	0.00, 0.13, 0.08, 0.05
HSL	338°, 55%, 88%
HSV	338°, 13%, 95%
XYZ	72.6095, 70.0064, 78.5617
YIQ	220.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

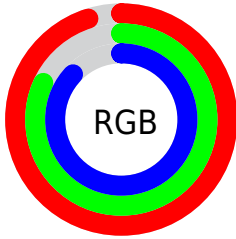
Format	Color
R _Y B	242, 210, 222
Decimal	15913694
CIE Lab	87.00, 13.11, -1.80
CIE LCh	87, 13.233, 352.198
Yxy	70.0064, 0.3283, 0.3165
Android (android.graphics.Color)	4294103774 (0xFFFF2D2DE)
YUV	220.9360, 0.5246, 18.4731
Hunter-Lab	83.6698, 8.4820, 2.8986

Details

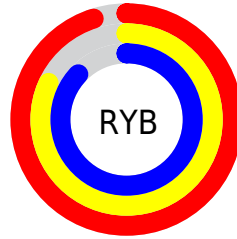
The CIELCh color **87, 13.233, 352.198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.853, 169.797**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.627, 351.765** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.566, 353.327**, and if you desaturate by 10%, it is **93, 3.182, 351.110**.

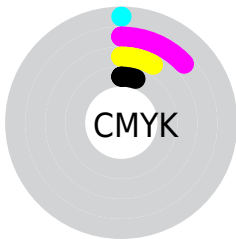
Distribution



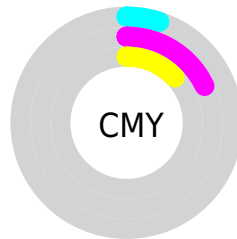
- Red (95%)
- Green (82%)
- Blue (87%)



- Red (95%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 13.233, 352.198 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, 13.233, 352.198 by changing the saturation by 10% instead.


 87, 13.233,
352.198


 87, 13.233,
352.198


 100, 13.233,
352.198


 77, 13.233,
352.198

 67, 13.233,
352.198

 57, 13.233,
352.198

 47, 13.233,
352.198

 37, 13.233,
352.198

 27, 13.233,
352.198

 17, 13.233,

352.198

■ 7, 13.233, 352.198

■ 0, 13.233, 352.198

■ 87, 13.233,
352.198

■ 87, 13.233,
352.198

■ 81, 23.566,
353.327

■ 93, 3.182, 351.110

■ 75, 34.041,
354.619

■ 99, 4.907, 180.361

■ 99, 4.596, 199.258

■ 69, 44.413,
356.147

■ 64, 54.318,
358.000

■ 60, 63.281, 0.299

■ 56, 70.786, 3.206

■ 54, 76.441, 6.904

■ 52, 80.216, 11.539

■ 51, 82.111, 15.105

Harmonies

Complementary

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



87, 13.233, 352.198



93, 12.853, 169.797

Rectangle

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



87, 13.233, 352.198



87, 13.233, 42.198



87, 13.233, 172.198



87, 13.233, 222.198

Sweetspot

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



87, 13.230, 352.203



97, 4.114, 351.213



87, 18.216, 313.589



51, 2.927, 351.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

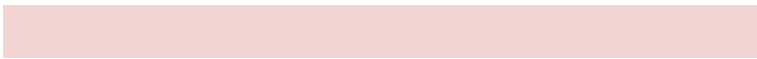
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 13.230, 352.203



89, 16.780, 352.506



88, 10.681, 30.536



47, 5.607, 351.808



39, 66.621, 14.065



8, 28.784, 5.320

Inverse Universe

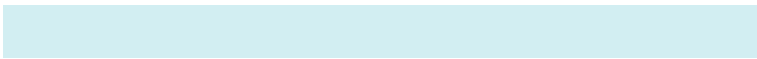
The Inverse Universe completely reimagines the original color for something new.



87, 13.230, 352.203



89, 16.780, 352.506



92, 9.783, 210.262



47, 5.607, 351.808



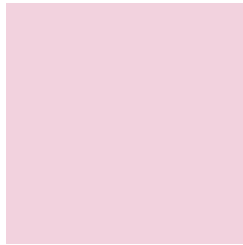
39, 66.621, 14.065



8, 28.784, 5.320

Previews

White Background



This preview shows how the CIELCh color 87, 13.233, 352.198 looks on a white background.

Color Contrast Check

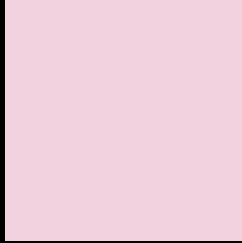
Large Text (above 18pt) WCAG AA × Fail

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, 13.233, 352.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

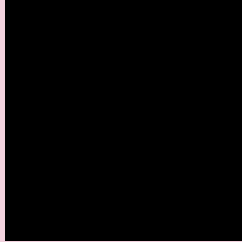
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.233, 352.198

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.233, 352.198.



This preview shows how white text looks on a background with the CIELCh color 87, 13.233, 352.198.

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, 13.233, 352.198

Protanopia
87, 4.851, 303.251

Deuteranopia
87, 11.137, 352.296



Tritanopia
87, 14.598, 345.633

Trichromacy



Original Color
87, 13.233, 352.198

Protanomaly
87, 7.295, 334.077

Deuteranomaly
87, 11.462, 353.194

Tritanomaly
87, 14.319, 347.366

Monochromacy



Original Color
87, 13.233, 352.198

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.830, 354.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.233, 352.198 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, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 222)  
}
```

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, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.233, 352.198 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, 210, 222) }
```

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

```
.border{ border-color:rgb(242, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.233, 352.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 222) }
```

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

```
.background{ background-color: rgb(242,  
210, 222) }
```

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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