

Converting Colors

CIELCh(87, 20.605, 335.928)

Have a look what the booklet for
CIELCh(87, 20.605, 335.928)
contains.

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Color

CIELCh(87, 20.733, 336.153)

Conversions

Conversions Part 1

Format	Color
Hex	F7CEEA
RGB	247, 206, 234
RGB Percent	97%, 81%, 92%
CMY	0.0305, 0.1913, 0.0815
CMYK	0.00, 0.17, 0.05, 0.03
HSL	319°, 72%, 89%
HSV	319°, 17%, 97%
XYZ	75.4345, 70.0064, 87.5363
YIQ	221.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

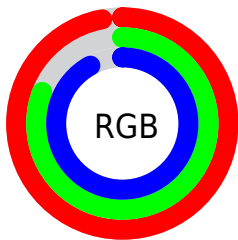
Format	Color
R _Y B	247, 206, 234
Decimal	16240362
CIE Lab	87.00, 18.96, -8.38
CIE LCh	87, 20.733, 336.153
Yxy	70.0064, 0.3238, 0.3005
Android (android.graphics.Color)	4294430442 (0xFFF7CEEA)
YUV	221.4510, 6.1867, 22.4065
Hunter-Lab	83.6698, 14.5087, -3.4610

Details

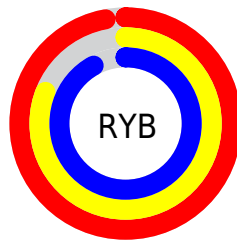
The CIELCh color **87, 20.733, 336.153** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 20.566, 153.752**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 20.235, 336.336** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.335, 336.943**, and if you desaturate by 10%, it is **93, 8.172, 335.395**.

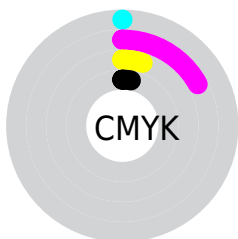
Distribution



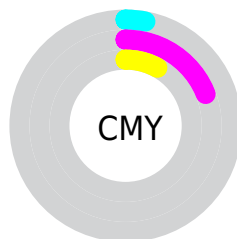
- Red (97%)
- Green (81%)
- Blue (92%)



- Red (97%)
- Yellow (81%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 20.733, 336.153 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, 20.733, 336.153 by changing the saturation by 10% instead.


 87, 20.733,
336.153


 87, 20.733,
336.153


 100, 20.733,
336.153


 77, 20.733,
336.153

 67, 20.733,
336.153

 57, 20.733,
336.153

 47, 20.733,
336.153

 37, 20.733,
336.153

 27, 20.733,
336.153

 17, 20.733,

336.153

■ 7, 20.733, 336.153

■ 0, 20.733, 336.153

■ 87, 20.733,
336.153

■ 87, 20.733,
336.153

■ 81, 33.335,
336.943

■ 93, 8.172, 335.395

■ 75, 45.727,
337.789

■ 99, 3.779, 156.004

■ 99, 2.697, 199.480

■ 70, 57.526,
338.708

■ 66, 68.223,
339.728

■ 62, 77.210,

340.886

■ 58, 83.875,
342.241

■ 56, 87.780,
343.870

■ 55, 88.888,
345.862

■ 55, 88.898,
346.606

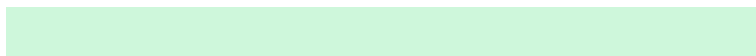
Harmonies

Complementary

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



87, 20.733, 336.153



94, 20.566, 153.752

Rectangle

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



87, 20.733, 336.153



87, 20.733, 26.153



87, 20.733, 156.153



87, 20.733, 206.153

Sweetspot

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



87, 20.730, 336.154



97, 6.354, 335.268



85, 22.133, 303.437



51, 4.337, 335.325



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

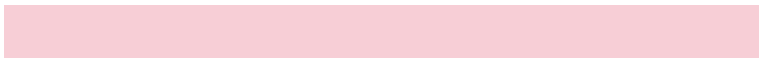
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 20.730, 336.154



87, 25.677, 336.421



86, 15.657, 6.139



48, 7.012, 335.616



41, 72.087, 346.179



10, 32.924, 343.106

Inverse Universe

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



87, 20.730, 336.154



87, 25.677, 336.421



94, 14.595, 183.083



48, 7.012, 335.616



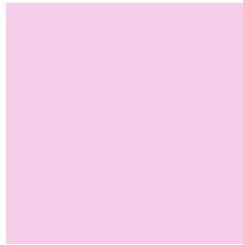
41, 72.087, 346.179



10, 32.924, 343.106

Previews

White Background



This preview shows how the CIELCh color 87, 20.733, 336.153 looks on a white background.

Color Contrast Check

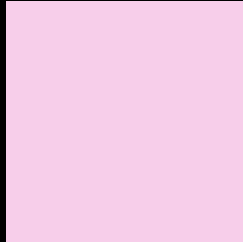
Large Text (above 18pt) WCAG AA × Fail

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, 20.733, 336.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

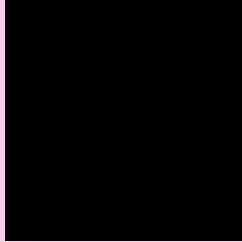
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 20.733, 336.153

Background



This preview shows how black text looks on a background with the CIELCh color 87, 20.733, 336.153.



This preview shows how white text looks on a background with the CIELCh color 87, 20.733, 336.153.

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





Tritanopia
87, 16.143, 349.550

Trichromacy



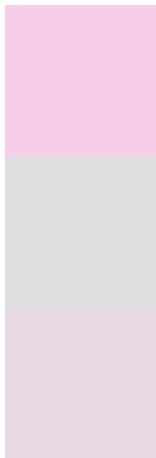
Original Color
87, 20.733, 336.153

Protanomaly
87, 14.540, 310.868

Deuteranomaly
87, 15.682, 330.494

Tritanomaly
87, 17.857, 342.937

Monochromacy



Original Color
87, 20.733, 336.153

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.537, 336.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 20.733, 336.153 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(247, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 234)  
}
```

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(247, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 20.733, 336.153 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(247, 206, 234) }
```

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

```
.border{ border-color:rgb(247, 206, 234) }
```

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

Here you see how a box with a 4 pixel rgb(247, 206, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 20.733, 336.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 234) }
```

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

```
.background{ background-color: rgb(247,  
206, 234) }
```

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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