

Converting Colors

CIELCh(95, 48.773, 359.309)

Have a look what the booklet for
CIELCh(95, 48.773, 359.309)
contains.

CIELCh(87, 27.566, 332.369)	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, 27.566, 332.369)

Conversions

Conversions Part 1

Format	Color
Hex	FECBF3
RGB	254, 203, 243
RGB Percent	100%, 80%, 95%
CMY	0.0054, 0.2052, 0.0485
CMYK	0.00, 0.20, 0.04, 0.01
HSL	313°, 95%, 89%
HSV	313°, 20%, 99%
XYZ	78.1349, 70.0064, 93.9010
YIQ	222.8090, 17.5560, 23.2520

Conversions

Conversions Part 2

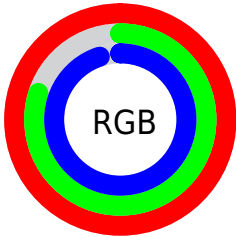
Format	Color
RYB	254, 203, 243
Decimal	16698355
CIELab	87.00, 24.42, -12.78
CIELCh	87, 27.566, 332.369
Yxy	70.0064, 0.3228, 0.2892
Android (android.graphics.Color)	4294888435 (0xFFFECEBF3)
YUV	222.8090, 9.9542, 27.3545
Hunter-Lab	83.6698, 20.2696, -7.9711

Details

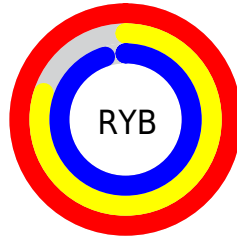
The CIELCh color $87, 27.566, 332.369$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 27.439, 149.643$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 27.394, 332.371$ is the 20% darker color. If you saturate the color by 10%, you get $81, 41.278, 333.065$, and if you desaturate by 10%, it is $93, 13.772, 331.693$.

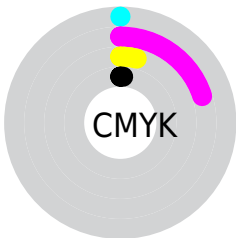
Distribution



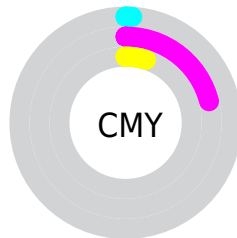
- Red (100%)
- Green (80%)
- Blue (95%)



- Red (100%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (21%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.566, 332.369 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, 27.566, 332.369 by changing the saturation by 10% instead.


 87, 27.566,
332.369


 87, 27.566,
332.369


 100, 27.566,
332.369


 77, 27.566,
332.369

 67, 27.566,
332.369

 57, 27.566,
332.369

 47, 27.566,
332.369

 37, 27.566,
332.369

 27, 27.566,
332.369

 17, 27.566,

332.369

■ 7, 27.566, 332.369

■ 0, 27.566, 332.369

■ 87, 27.566,
332.369

■ 87, 27.566,
332.369

■ 81, 41.278,
333.065

■ 93, 13.772,
331.693

■ 76, 54.586,
333.786

■ 99, 0.123, 328.039

■ 71, 67.031,
334.537

100, 0.480,
200.754

■ 66, 78.034,
335.328

■ 63, 86.953,

336.176

■ 60, 93.209,
337.111

■ 58, 96.484,
338.174

■ 57, 97.133,
339.384

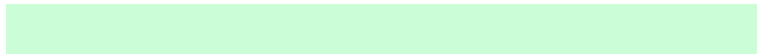
Harmonies

Complementary

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



87, 27.566, 332.369



95, 27.439, 149.643

Rectangle

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



87, 27.566, 332.369



87, 27.566, 22.369



87, 27.566, 152.369



87, 27.566, 202.369

Sweetspot

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



87, 27.563, 332.370



96, 8.207, 331.411



84, 27.208, 299.562



51, 5.446, 331.458



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, 27.563, 332.370



85, 33.104, 332.640



86, 20.343, 358.017



50, 7.796, 331.654



43, 78.770, 339.151



11, 36.941, 337.559

Inverse Universe

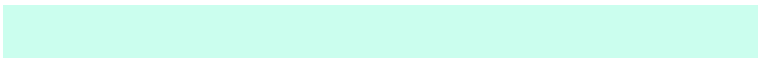
The Inverse Universe completely reimagines the original color for something new.



87, 27.563, 332.370



85, 33.104, 332.640



96, 19.182, 174.050



50, 7.796, 331.654



43, 78.770, 339.151



11, 36.941, 337.559

Previews

White Background



This preview shows how the CIELCh color 87, 27.566, 332.369 looks on a white background.

Color Contrast Check

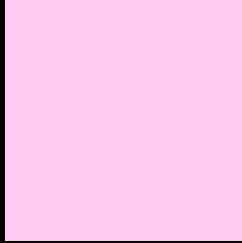
Large Text (above 18pt) WCAG AA × Fail

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, 27.566, 332.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

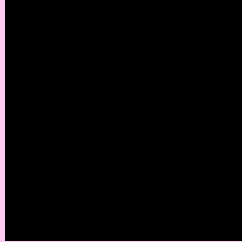
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 27.566, 332.369

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.566, 332.369.



This preview shows how white text looks on a background with the CIELCh color 87, 27.566, 332.369.

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, 27.587, 332.374

Protanopia
87, 18.356, 287.517

Deuteranopia
87, 16.387, 312.527

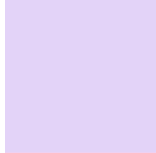


Tritanopia
87, 18.426, 353.984

Trichromacy



Original Color
87, 27.587, 332.374



Protanomaly
87, 20.253, 307.419



Deuteranomaly
87, 20.125, 321.752

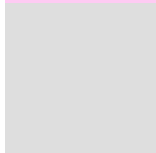


Tritanomaly
87, 21.382, 343.545

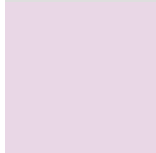
Monochromacy



Original Color
87, 27.587, 332.374



Achromatopsia
88, 0.011, 296.813



Achromatomaly
88, 10.181, 329.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.566, 332.369 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.566, 332.369 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, 243) }
```

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

```
.border{ border-color:rgb(254, 203, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.566, 332.369 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, 243) }
```

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

```
.background{ background-color: rgb(254,  
203, 243) }
```

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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