

Converting Colors

CIELCh(87, 21.900, 347.615)

Have a look what the booklet for
CIELCh(87, 21.900, 347.615)
contains.

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Color

CIELCh(87, 22.027, 348.233)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCCE3 |
| RGB | 255, 204, 227 |
| RGB Percent | 100%, 80%, 89% |
| CMY | 0.0000, 0.1999, 0.1097 |
| CMYK | 0.00, 0.20, 0.11, 0.00 |
| HSL | 333°, 100%, 90% |
| HSV | 333°, 20%, 100% |
| XYZ | 76.7132, 70.0064, 82.1569 |
| YIQ | 221.8710, 23.0130, 17.9650 |

Conversions

Conversions Part 2

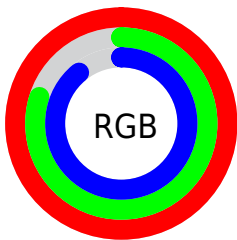
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 204, 227 |
| Decimal | 16764131 |
| CIE Lab | 87.00, 21.56, -4.49 |
| CIE LCh | 87, 22.027, 348.233 |
| Yxy | 70.0064, 0.3352, 0.3059 |
| Android (android.graphics.Color) | 4294954211 (0xFFFFCCE3) |
| YUV | 221.8710, 2.5286, 29.0541 |
| Hunter-Lab | 83.6698, 17.2367, 0.3510 |

Details

The CIELCh color **87, 22.027, 348.233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.330, 164.554**, 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, 21.918, 348.218** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.295, 349.357**, and if you desaturate by 10%, it is **93, 10.869, 347.210**.

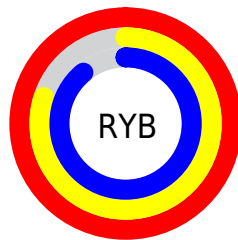
Distribution



Red (100%)

Green (80%)

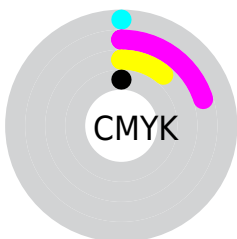
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

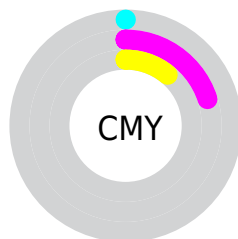


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 22.027, 348.233 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, 22.027, 348.233 by changing the saturation by 10% instead.


 87, 22.027,
348.233

 87, 22.027,
348.233


 100, 22.027,
348.233


 77, 22.027,
348.233

 67, 22.027,
348.233

 57, 22.027,
348.233

 47, 22.027,
348.233

 37, 22.027,
348.233

 27, 22.027,
348.233

 17, 22.027,

348.233

■ 7, 22.027, 348.233

■ 0, 22.027, 348.233

■ 87, 22.027,
348.233

■ 87, 22.027,
348.233

■ 81, 33.295,
349.357

■ 93, 10.869,
347.210

■ 75, 44.454,
350.664

100, 0.012,
296.813

■ 70, 55.125,
352.211

■ 65, 64.807,
354.089

■ 61, 72.918,

356.426

■ 58, 78.932,
359.387

■ 56, 82.615, 3.150

■ 55, 84.440, 7.752

■ 55, 84.442, 7.757

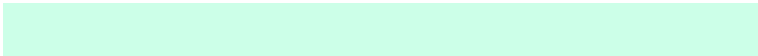
Harmonies

Complementary

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



87, 22.027, 348.233



96, 21.330, 164.554

Rectangle

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



87, 22.027, 348.233



87, 22.027, 38.233



87, 22.027, 168.233



87, 22.027, 218.233

Sweetspot

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



87, 22.017, 348.223



96, 6.492, 346.814



86, 28.472, 311.136



51, 4.310, 346.880



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, 22.017, 348.223



84, 26.536, 348.660



87, 18.654, 23.479



50, 6.182, 347.162



41, 67.998, 6.828



10, 31.495, 0.492

Inverse Universe

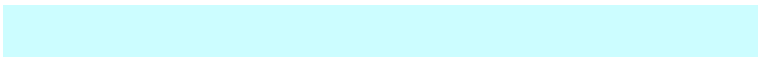
The Inverse Universe completely reimagines the original color for something new.



87, 22.017, 348.223



84, 26.536, 348.660



96, 16.298, 201.505



50, 6.182, 347.162



41, 67.998, 6.828



10, 31.495, 0.492

Previews

White Background



This preview shows how the CIELCh color 87, 22.027, 348.233 looks on a white background.

Color Contrast Check

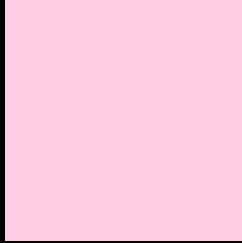
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 22.027, 348.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

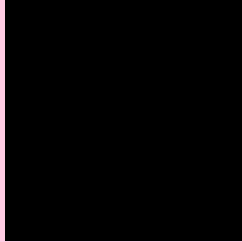
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 22.027, 348.233

Background



This preview shows how black text looks on a background with the CIELCh color 87, 22.027, 348.233.



This preview shows how white text looks on a background with the CIELCh color 87, 22.027, 348.233.

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, 22.027, 348.233

Protanopia
87, 9.427, 290.967

Deuteranopia
87, 11.359, 340.171



Tritanopia
87, 19.776, 356.091

Trichromacy



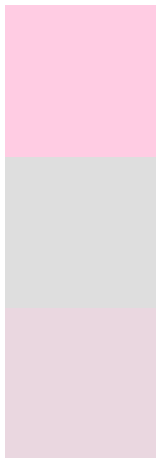
Original Color
87, 22.027, 348.233

Protanomaly
87, 12.517, 323.523

Deuteranomaly
87, 15.184, 344.826

Tritanomaly
87, 20.184, 353.367

Monochromacy



Original Color
87, 22.027, 348.233

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 8.340, 345.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 22.027, 348.233 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(255, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 227)  
}
```

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(255, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 22.027, 348.233 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(255, 204, 227) }
```

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

```
.border{ border-color:rgb(255, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 22.027, 348.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 227) }
```

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

```
.background{ background-color: rgb(255,  
204, 227) }
```

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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