

Converting Colors

CIELCh(87, 21.991, 346.510)

Have a look what the booklet for
CIELCh(87, 21.991, 346.510)
contains.

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Color

CIELCh(87, 21.991, 346.510)

Conversions

Conversions Part 1

Format	Color
Hex	FECCE4
RGB	254, 204, 228
RGB Percent	100%, 80%, 89%
CMY	0.0031, 0.1992, 0.1051
CMYK	0.00, 0.20, 0.10, 0.00
HSL	331°, 97%, 90%
HSV	331°, 20%, 100%
XYZ	76.6244, 70.0064, 83.0235
YIQ	221.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

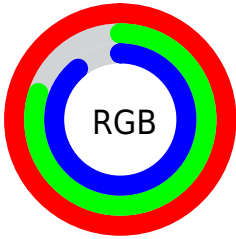
Format	Color
R_{YB}	254, 204, 228
Decimal	16698596
CIE _{Lab}	87.00, 21.38, -5.13
CIE _{LCh}	87, 21.991, 346.510
Yxy	70.0064, 0.3337, 0.3048
Android (android.graphics.Color)	4294888676 (0xFFFECCCE4)
YUV	221.6860, 3.1128, 28.3394
Hunter-Lab	83.6698, 17.0472, -0.2631

Details

The CIELCh color **87, 21.991, 346.510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.395, 162.992**, 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, 21.880, 346.374** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.398, 347.600**, and if you desaturate by 10%, it is **93, 10.688, 345.533**.

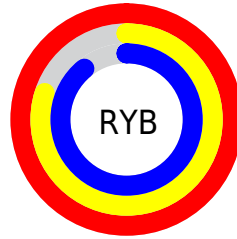
Distribution



Red (100%)

Green (80%)

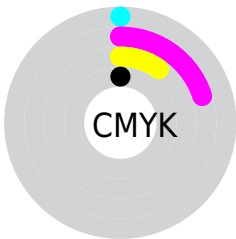
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

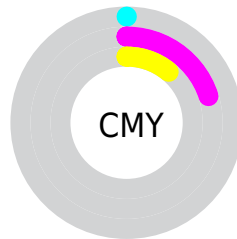


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 21.991, 346.510 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, 21.991, 346.510 by changing the saturation by 10% instead.


 87, 21.991,
346.510


 87, 21.991,
346.510


 100, 21.991,
346.510


 77, 21.991,
346.510

 67, 21.991,
346.510

 57, 21.991,
346.510

 47, 21.991,
346.510

 37, 21.991,
346.510

 27, 21.991,
346.510

 17, 21.991,

346.510

■ 7, 21.991, 346.510

■ 0, 21.991, 346.510

■ 87, 21.991,
346.510

■ 87, 21.991,
346.510

■ 81, 33.398,
347.600

■ 93, 10.688,
345.533

■ 75, 44.665,
348.844

100, 0.322,
168.262

■ 70, 55.416,
350.304

100, 0.273,
201.816

■ 65, 65.142,
352.062

■ 61, 73.254,

354.235

■ 58, 79.206,
356.976

■ 56, 82.727, 0.459

■ 55, 84.226, 4.754

■ 55, 84.270, 4.901

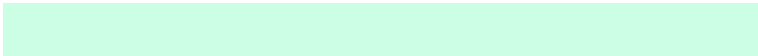
Harmonies

Complementary

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



87, 21.991, 346.510



96, 21.395, 162.992

Rectangle

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



87, 21.991, 346.510



87, 21.991, 36.510



87, 21.991, 166.510



87, 21.991, 216.510

Sweetspot

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



87, 21.988, 346.512



96, 6.617, 345.179



86, 27.847, 310.559



51, 4.393, 345.243



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, 21.988, 346.512



85, 26.995, 346.967



87, 18.577, 22.114



50, 6.298, 345.517



41, 68.079, 4.037



10, 31.694, 358.128

Inverse Universe

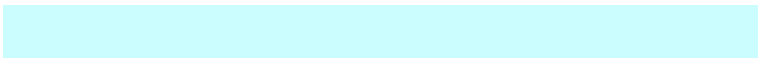
The Inverse Universe completely reimagines the original color for something new.



87, 21.988, 346.512



85, 26.995, 346.967



96, 16.287, 199.933



50, 6.298, 345.517



41, 68.079, 4.037



10, 31.694, 358.128

Previews

White Background



This preview shows how the CIELCh color 87, 21.991, 346.510 looks on a white background.

Color Contrast Check

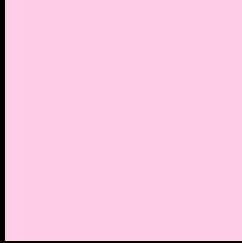
Large Text (above 18pt) WCAG AA × Fail

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, 21.991, 346.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

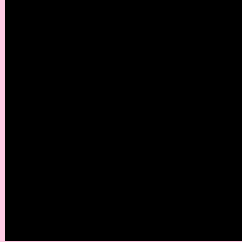
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 21.991, 346.510

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.991, 346.510.



This preview shows how white text looks on a background with the CIELCh color 87, 21.991, 346.510.

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, 21.991, 346.510

Protanopia
87, 9.951, 291.009

Deuteranopia
87, 11.432, 336.957



Tritanopia
87, 19.440, 355.591

Trichromacy



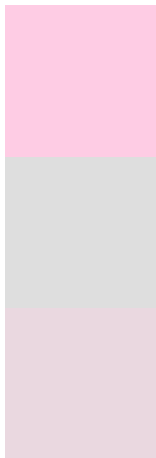
Original Color
87, 21.991, 346.510

Protanomaly
87, 12.957, 322.269

Deuteranomaly
87, 15.196, 342.371

Tritanomaly
87, 20.085, 351.499

Monochromacy



Original Color
87, 21.991, 346.510

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.747, 347.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.991, 346.510 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, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 228)  
}
```

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, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.991, 346.510 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, 204, 228) }
```

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

```
.border{ border-color:rgb(254, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.991, 346.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 228) }
```

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

```
.background{ background-color: rgb(254,  
204, 228) }
```

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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