

Converting Colors

CIELCh(90, 13.984, 4.643)

Have a look what the booklet for
CIELCh(90, 13.984, 4.643) contains.

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Color

CIELCh(90, 14.127, 3.427)

Conversions

Conversions Part 1

Format	Color
Hex	FED9E1
RGB	254, 217, 225
RGB Percent	100%, 85%, 88%
CMY	0.0030, 0.1481, 0.1168
CMYK	0.00, 0.15, 0.11, 0.00
HSL	347°, 96%, 92%
HSV	347°, 15%, 100%
XYZ	79.4486, 76.3034, 81.9350
YIQ	228.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

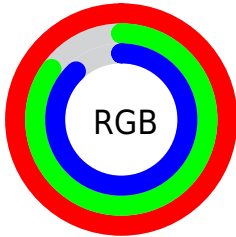
Format	Color
RYB	254, 217, 225
Decimal	16701921
CIELab	90.00, 14.10, 0.84
CIELCh	90, 14.127, 3.427
Yxy	76.3034, 0.3343, 0.3210
Android (android.graphics.Color)	4294892001 (0xFF FED9E1)
YUV	228.9750, -1.9597, 21.9469
Hunter-Lab	87.3518, 9.4846, 5.5329

Details

The CIELCh color **90, 14.127, 3.427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 13.360, 180.735**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 14.178, 2.851** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.398, 4.665**, and if you desaturate by 10%, it is **97, 4.310, 2.310**.

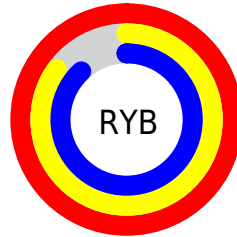
Distribution



Red (100%)

Green (85%)

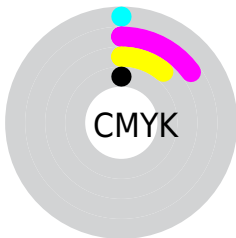
Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

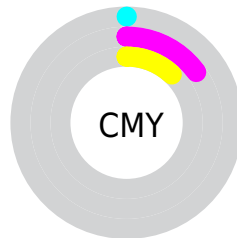


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

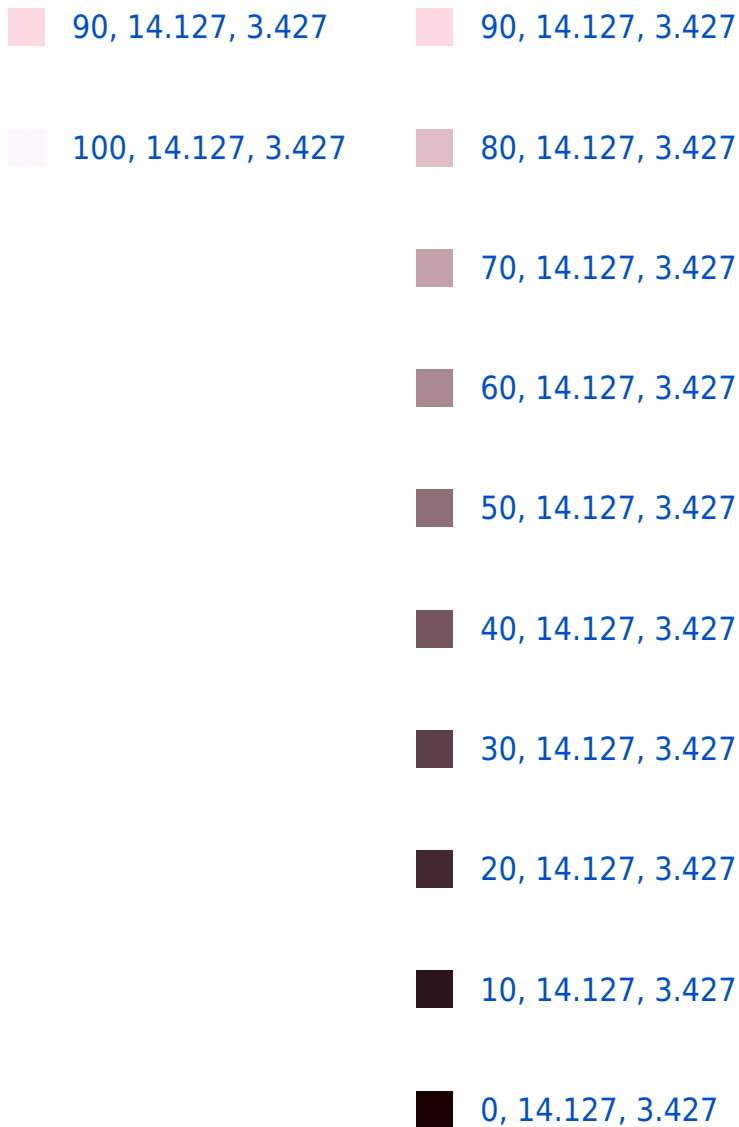
Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.127, 3.427 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 90, 14.127, 3.427 by changing the saturation by 10% instead.



90, 14.127, 3.427

90, 14.127, 3.427

84, 24.398, 4.665

97, 4.310, 2.310

77, 35.021, 6.135

100, 0.267,
201.871

71, 45.788, 7.938

66, 56.383, 10.191

62, 66.386, 13.047

58, 75.368, 16.667

55, 83.052, 21.160

54, 89.476, 26.441

53, 92.677, 29.400

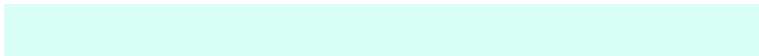
Harmonies

Complementary

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



90, 14.127, 3.427



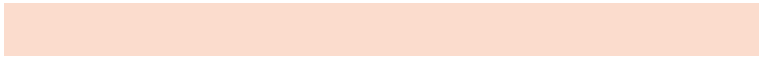
97, 13.360, 180.735

Rectangle

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



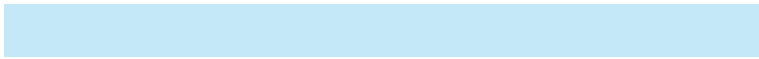
90, 14.127, 3.427



90, 14.127, 53.427



90, 14.127, 183.427



90, 14.127, 233.427

Sweetspot

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



90, 14.125, 3.434



97, 3.789, 2.238



90, 21.787, 318.943



51, 2.698, 2.335



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

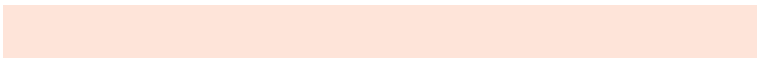
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.125, 3.434



89, 16.638, 3.718



92, 11.213, 48.617



50, 5.461, 2.872



40, 74.165, 28.365



10, 31.890, 17.903

Inverse Universe

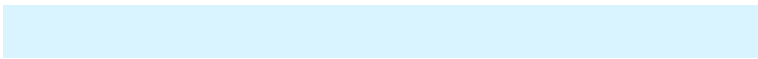
The Inverse Universe completely reimagines the original color for something new.



90, 14.125, 3.434



89, 16.638, 3.718



95, 10.302, 230.625



50, 5.461, 2.872



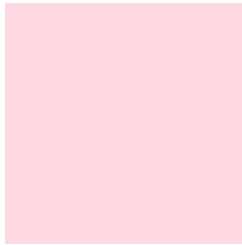
40, 74.165, 28.365



10, 31.890, 17.903

Previews

White Background



This preview shows how the CIE LCh color 90, 14.127, 3.427 looks on a white background.

Color Contrast Check

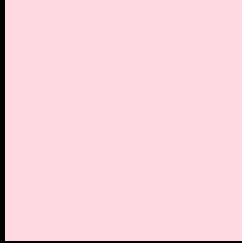
Large Text (above 18pt) WCAG AA × Fail

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 90, 14.127, 3.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

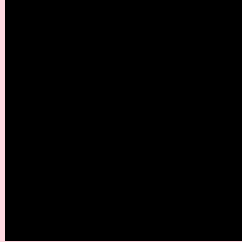
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.127, 3.427

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.127, 3.427.

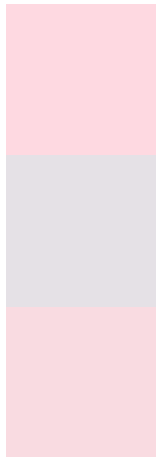


This preview shows how white text looks on a background with the CIELCh color 90, 14.127, 3.427.

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

90, 14.127, 3.427

Protanopia

90, 2.986, 318.830

Deuteranopia

90, 11.361, 4.361



Tritanopia
90, 16.600, 348.639

Trichromacy



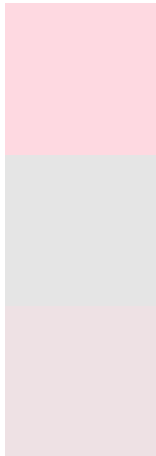
Original Color
90, 14.127, 3.427

Protanomaly
90, 6.566, 351.515

Deuteranomaly
90, 12.565, 3.572

Tritanomaly
90, 15.883, 353.466

Monochromacy



Original Color
90, 14.127, 3.427

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.940, 1.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.127, 3.427 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, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 225)  
}
```

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, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.127, 3.427 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, 217, 225) }
```

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

```
.border{ border-color:rgb(254, 217, 225) }
```

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

Here you see how a box with a 4 pixel rgb(254, 217, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.127, 3.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 225) }
```

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

```
.background{ background-color: rgb(254,  
217, 225) }
```

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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