

Converting Colors

CIE LCh(92, 30.103, 11.414)

Have a look what the booklet for
CIELCh(92, 30.103, 11.414) contains.

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Color

CIELCh(89, 17.102, 1.248)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4DF
RGB	255, 212, 223
RGB Percent	100%, 83%, 87%
CMY	0.0000, 0.1671, 0.1239
CMYK	0.00, 0.17, 0.12, 0.00
HSL	345°, 100%, 92%
HSV	345°, 17%, 100%
XYZ	78.7855, 74.1641, 80.2547
YIQ	226.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

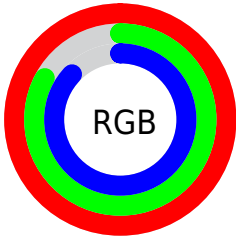
Format	Color
R _Y B	255, 212, 223
Decimal	16766175
CIE Lab	89.00, 17.10, 0.37
CIE LCh	89, 17.102, 1.248
Yxy	74.1641, 0.3378, 0.3180
Android (android.graphics.Color)	4294956255 (0xFFFFD4DF)
YUV	226.1110, -1.5337, 25.3357
Hunter-Lab	86.1186, 12.5929, 5.0301

Details

The CIELCh color **89, 17.102, 1.248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.689, 177.372**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 16.943, 0.306** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.063, 1.852**, and if you desaturate by 10%, it is **95, 6.514, 359.461**.

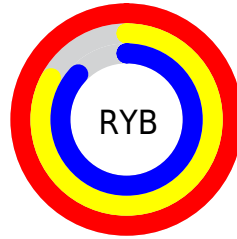
Distribution



Red (100%)

Green (83%)

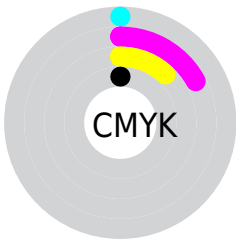
Blue (87%)



Red (100%)

Yellow (83%)

Blue (87%)

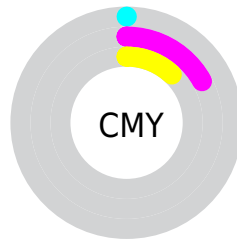


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)

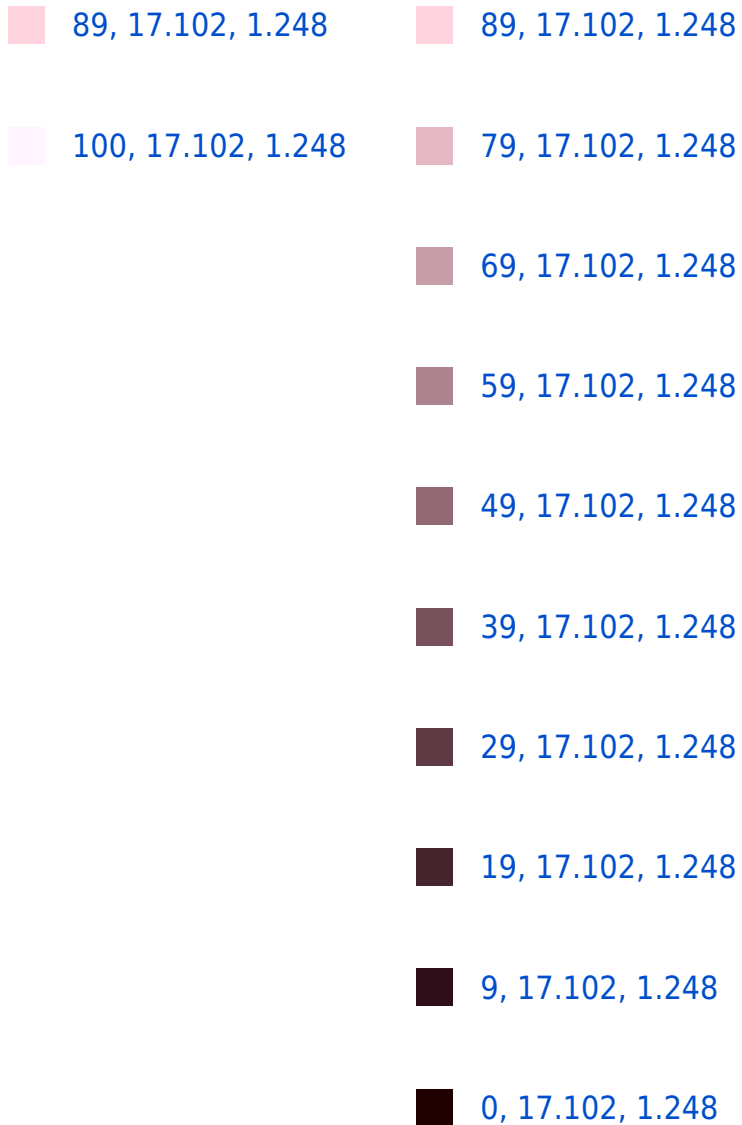
Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.102, 1.248 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 89, 17.102, 1.248 by changing the saturation by 10% instead.



89, 17.102, 1.248

89, 17.102, 1.248

82, 27.063, 1.852

95, 6.514, 359.461

76, 37.775, 3.363

100, 0.012,
296.813

71, 48.481, 5.209

65, 58.815, 7.512

61, 68.319, 10.428

58, 76.552, 14.128

55, 83.289, 18.736

54, 88.705, 24.184

54, 90.416, 26.007

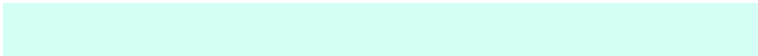
Harmonies

Complementary

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



89, 17.102, 1.248



97, 15.689, 177.372

Rectangle

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



89, 17.102, 1.248



89, 17.102, 51.248



89, 17.102, 181.248



89, 17.102, 231.248

Sweetspot

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



89, 16.594, 0.583



97, 4.836, 359.263



89, 24.795, 317.492



51, 3.305, 359.347



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

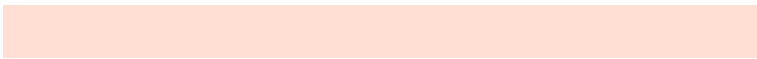
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.594, 0.583



87, 20.002, 0.979



91, 13.254, 42.828



50, 5.556, 359.771



40, 72.274, 24.925



10, 31.656, 15.489

Inverse Universe

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



89, 16.594, 0.583



87, 20.002, 0.979



95, 11.920, 224.317



50, 5.556, 359.771



40, 72.274, 24.925



10, 31.656, 15.489

Previews

White Background



This preview shows how the CIELCh color 89, 17.102, 1.248 looks on a white background.

Color Contrast Check

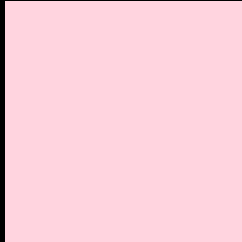
Large Text (above 18pt) WCAG AA × Fail

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 89, 17.102, 1.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

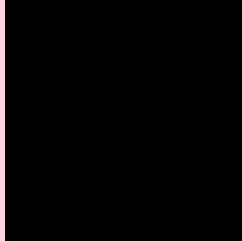
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.102, 1.248

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.102, 1.248.

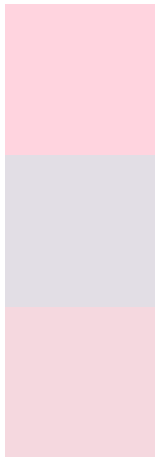


This preview shows how white text looks on a background with the CIELCh color 89, 17.102, 1.248.

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


89, 16.737, 0.780

Protanopia

89, 3.939, 311.612

Deuteranopia

89, 11.179, 1.255



Tritanopia
89, 17.680, 352.784

Trichromacy



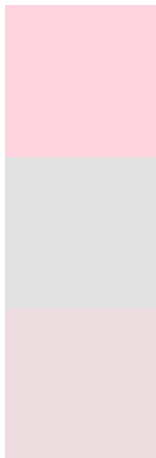
Original Color
89, 16.737, 0.780

Protanomaly
89, 7.728, 347.360

Deuteranomaly
89, 13.092, 1.907

Tritanomaly
89, 17.261, 355.873

Monochromacy



Original Color
89, 16.737, 0.780

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.155, 0.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.102, 1.248 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, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 223)  
}
```

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, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.102, 1.248 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, 212, 223) }
```

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

```
.border{ border-color:rgb(255, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.102, 1.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 223) }
```

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

```
.background{ background-color: rgb(255,  
212, 223) }
```

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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