

Converting Colors

CIELCh(89, 9.710, 1.230)

Have a look what the booklet for
CIELCh(89, 9.710, 1.230) contains.

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Color

CIELCh(89, 9.968, 1.910)

Conversions

Conversions Part 1

Format	Color
Hex	F3D9DF
RGB	243, 217, 223
RGB Percent	95%, 85%, 87%
CMY	0.0462, 0.1482, 0.1247
CMYK	0.00, 0.11, 0.08, 0.05
HSL	346°, 52%, 90%
HSV	346°, 11%, 95%
XYZ	75.2490, 74.1641, 80.3084
YIQ	225.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

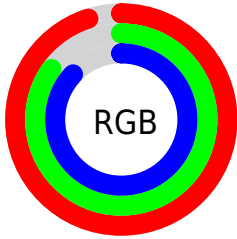
Format	Color
R _Y B	243, 217, 223
Decimal	15981023
CIE Lab	89.00, 9.96, 0.33
CIE LCh	89, 9.968, 1.910
Yxy	74.1641, 0.3276, 0.3228
Android (android.graphics.Color)	4294171103 (0xFFFF3D9DF)
YUV	225.4580, -1.2118, 15.3843
Hunter-Lab	86.1186, 5.2628, 4.9932

Details

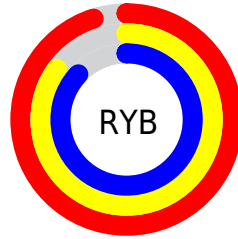
The CIELCh color **89, 9.968, 1.910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 9.586, 180.024**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.164, 1.502** is the 20% darker color. If you saturate the color by 10%, you get **83, 19.748, 3.081**, and if you desaturate by 10%, it is **95, 0.632, 0.090**.

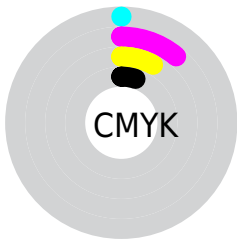
Distribution



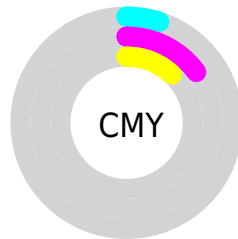
- Red (95%)
- Green (85%)
- Blue (87%)



- Red (95%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.968, 1.910 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, 9.968, 1.910 by changing the saturation by 10% instead.

89, 9.968, 1.910

89, 9.968, 1.910

100, 9.968, 1.910

79, 9.968, 1.910

69, 9.968, 1.910

59, 9.968, 1.910

49, 9.968, 1.910

39, 9.968, 1.910

29, 9.968, 1.910

19, 9.968, 1.910

9, 9.968, 1.910

0, 9.968, 1.910

89, 9.968, 1.910

89, 9.968, 1.910

83, 19.748, 3.081

95, 0.632, 0.090

77, 29.896, 4.442

99, 4.069, 199.310

71, 40.247, 6.088

65, 50.533, 8.126

61, 60.376, 10.692

57, 69.344, 13.949

54, 77.083, 18.047

52, 83.505, 23.022

51, 88.660, 28.120

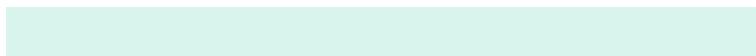
Harmonies

Complementary

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



89, 9.968, 1.910



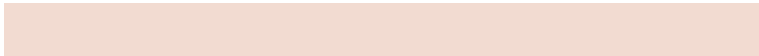
94, 9.586, 180.024

Rectangle

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



89, 9.968, 1.910



89, 9.968, 51.910



89, 9.968, 181.910



89, 9.968, 231.910

Sweetspot

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



89, 9.966, 1.919



98, 2.853, 1.010



89, 15.316, 318.254



52, 2.167, 1.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

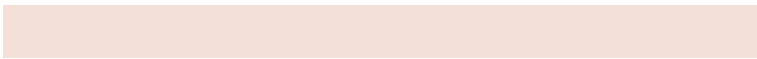
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 9.966, 1.919



91, 12.665, 2.179



91, 7.861, 46.837



48, 5.311, 1.787



39, 71.957, 27.098



9, 29.883, 15.212

Inverse Universe

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



89, 9.966, 1.919



91, 12.665, 2.179



92, 7.387, 228.189



48, 5.311, 1.787



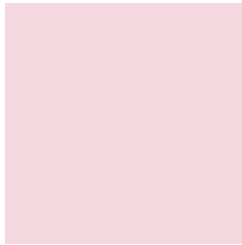
39, 71.957, 27.098



9, 29.883, 15.212

Previews

White Background



This preview shows how the CIELCh color 89, 9.968, 1.910 looks on a white background.

Color Contrast Check

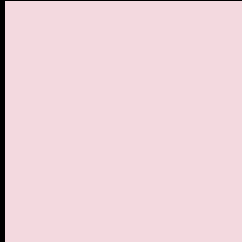
Large Text (above 18pt) WCAG AA × Fail

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, 9.968, 1.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

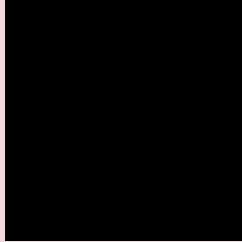
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 9.968, 1.910

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.968, 1.910.

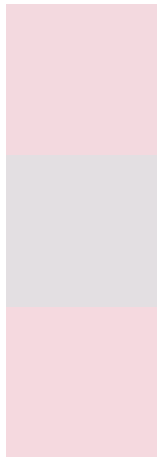


This preview shows how white text looks on a background with the CIELCh color 89, 9.968, 1.910.

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, 9.968, 1.910

Protanopia

89, 2.137, 332.287

Deuteranopia

89, 10.672, 3.217



Tritanopia
89, 13.678, 340.175

Trichromacy



Original Color

89, 9.968, 1.910

Protanomaly

89, 4.814, 354.059

Deuteranomaly

89, 10.319, 2.584

Tritanomaly

89, 12.172, 346.591

Monochromacy



Original Color

89, 9.968, 1.910

Achromatopsia

90, 0.011, 296.813

Achromatomaly

90, 3.411, 1.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.968, 1.910 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(243, 217, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 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(243, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.968, 1.910 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(243, 217, 223) }
```

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

```
.border{ border-color:rgb(243, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.968, 1.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 223) }
```

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

```
.background{ background-color: rgb(243,  
217, 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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