

Converting Colors

CIELCh(90, 10.709, 11.821)

Have a look what the booklet for
CIELCh(90, 10.709, 11.821) contains.

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Color

CIELCh(90, 10.709, 11.821)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCDF
RGB	249, 220, 223
RGB Percent	98%, 86%, 87%
CMY	0.0254, 0.1390, 0.1273
CMYK	0.00, 0.12, 0.10, 0.03
HSL	354°, 69%, 92%
HSV	354°, 12%, 97%
XYZ	77.6309, 76.3034, 80.1253
YIQ	229.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

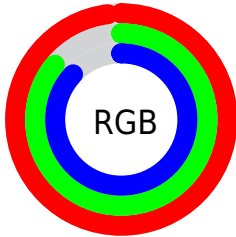
Format	Color
R _Y B	249, 220, 223
Decimal	16375007
CIE Lab	90.00, 10.48, 2.19
CIE LCh	90, 10.709, 11.821
Yxy	76.3034, 0.3317, 0.3260
Android (android.graphics.Color)	4294565087 (0xFFF9DCDF)
YUV	229.0130, -2.9644, 17.5286
Hunter-Lab	87.3518, 5.7700, 6.7612

Details

The CIELCh color **90, 10.709, 11.821** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.081, 190.026**, 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, 10.557, 11.442** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.540, 12.928**, and if you desaturate by 10%, it is **97, 1.478, 10.586**.

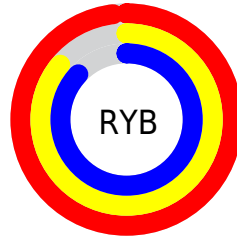
Distribution



Red (98%)

Green (86%)

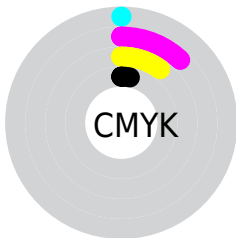
Blue (87%)



Red (98%)

Yellow (86%)

Blue (87%)

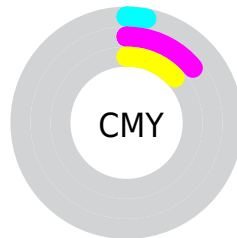


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (3%)



Cyan (3%)

Magenta (14%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 10.709, 11.821 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, 10.709, 11.821 by changing the saturation by 10% instead.

 90, 10.709, 11.821

 90, 10.709, 11.821

 100, 10.709,
11.821

 80, 10.709, 11.821

 70, 10.709, 11.821

 60, 10.709, 11.821

 50, 10.709, 11.821

 40, 10.709, 11.821

 30, 10.709, 11.821

 20, 10.709, 11.821

 10, 10.709, 11.821

 0, 10.709, 11.821

90, 10.709, 11.821

90, 10.709, 11.821

84, 20.540, 12.928

97, 1.478, 10.586

77, 30.934, 14.260

100, 2.242,
199.558

71, 41.770, 15.928

66, 52.828, 18.048

61, 63.781, 20.754

57, 74.244, 24.171

54, 83.855, 28.321

53, 92.269, 32.940

52, 98.007, 36.494

Harmonies

Complementary

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



90, 10.709, 11.821



96, 10.081, 190.026

Rectangle

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



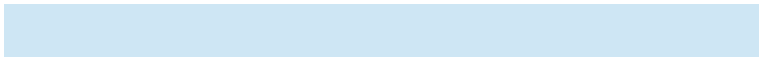
90, 10.709, 11.821



90, 10.709, 61.821



90, 10.709, 191.821



90, 10.709, 241.821

Sweetspot

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



90, 10.707, 11.831



98, 2.734, 10.886



90, 17.587, 321.788



52, 2.078, 11.002



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

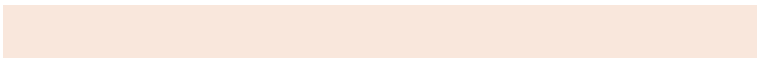
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 10.707, 11.831



91, 13.226, 12.074



93, 8.698, 60.675



49, 5.205, 11.613



39, 78.984, 35.741



9, 31.499, 21.946

Inverse Universe

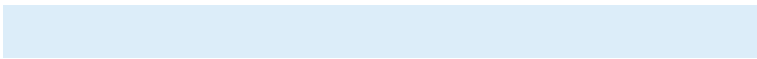
The Inverse Universe completely reimagines the original color for something new.



90, 10.707, 11.831



91, 13.226, 12.074



93, 8.266, 243.214



49, 5.205, 11.613



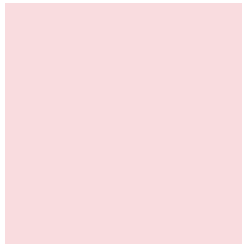
39, 78.984, 35.741



9, 31.499, 21.946

Previews

White Background



This preview shows how the CIELCh color 90, 10.709, 11.821 looks on a white background.

Color Contrast Check

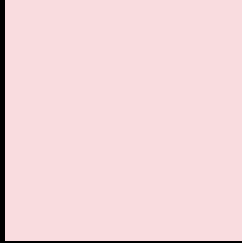
Large Text (above 18pt) WCAG AA × Fail

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, 10.709, 11.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

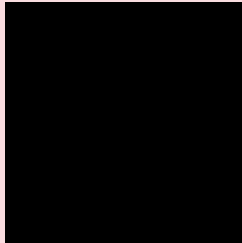
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

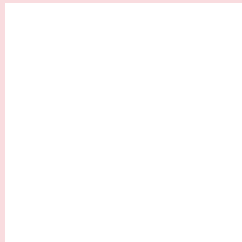
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 10.709, 11.821

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.709, 11.821.

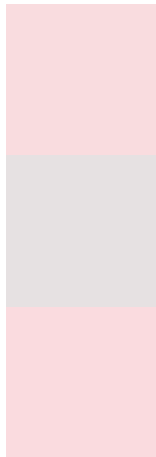


This preview shows how white text looks on a background with the CIELCh color 90, 10.709, 11.821.

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, 10.709, 11.821

Protanopia

90, 1.874, 3.144

Deuteranopia

90, 11.520, 9.878



Tritanopia
90, 14.494, 343.038

Trichromacy



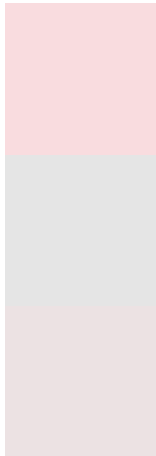
Original Color
90, 10.709, 11.821

Protanomaly
90, 5.169, 8.103

Deuteranomaly
90, 11.155, 9.503

Tritanomaly
90, 12.258, 352.613

Monochromacy



Original Color
90, 10.709, 11.821

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.638, 11.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.709, 11.821 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(249, 220, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 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(249, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.709, 11.821 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(249, 220, 223) }
```

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

```
.border{ border-color:rgb(249, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.709, 11.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 223) }
```

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

```
.background{ background-color: rgb(249,  
220, 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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