

Converting Colors

CIELCh(90, 12.708, 1.326)

Have a look what the booklet for
CIELCh(90, 12.708, 1.326) contains.

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Color

CIELCh(90, 12.708, 1.326)

Conversions

Conversions Part 1

Format	Color
Hex	FBDAE2
RGB	251, 218, 226
RGB Percent	98%, 85%, 89%
CMY	0.0148, 0.1443, 0.1129
CMYK	0.00, 0.13, 0.10, 0.01
HSL	345°, 81%, 92%
HSV	345°, 13%, 99%
XYZ	78.7437, 76.3034, 82.6810
YIQ	228.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

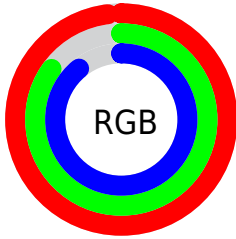
Format	Color
R _Y B	251, 218, 226
Decimal	16505570
CIE Lab	90.00, 12.70, 0.29
CIE LCh	90, 12.708, 1.326
Yxy	76.3034, 0.3312, 0.3210
Android (android.graphics.Color)	4294695650 (0xFFFBDAE2)
YUV	228.7790, -1.3700, 19.4878
Hunter-Lab	87.3518, 8.0441, 5.0266

Details

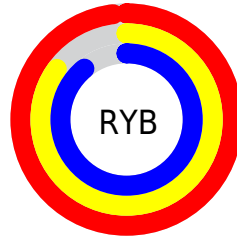
The CIELCh color **90, 12.708, 1.326** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.133, 178.907**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 12.682, 0.483** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.880, 2.537**, and if you desaturate by 10%, it is **97, 2.964, 0.171**.

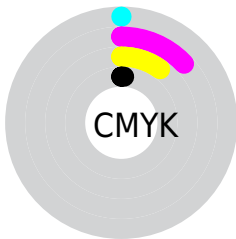
Distribution



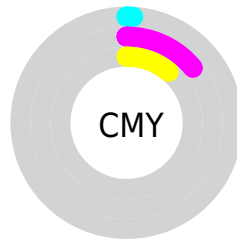
- Red (98%)
- Green (85%)
- Blue (89%)



- Red (98%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (1%)

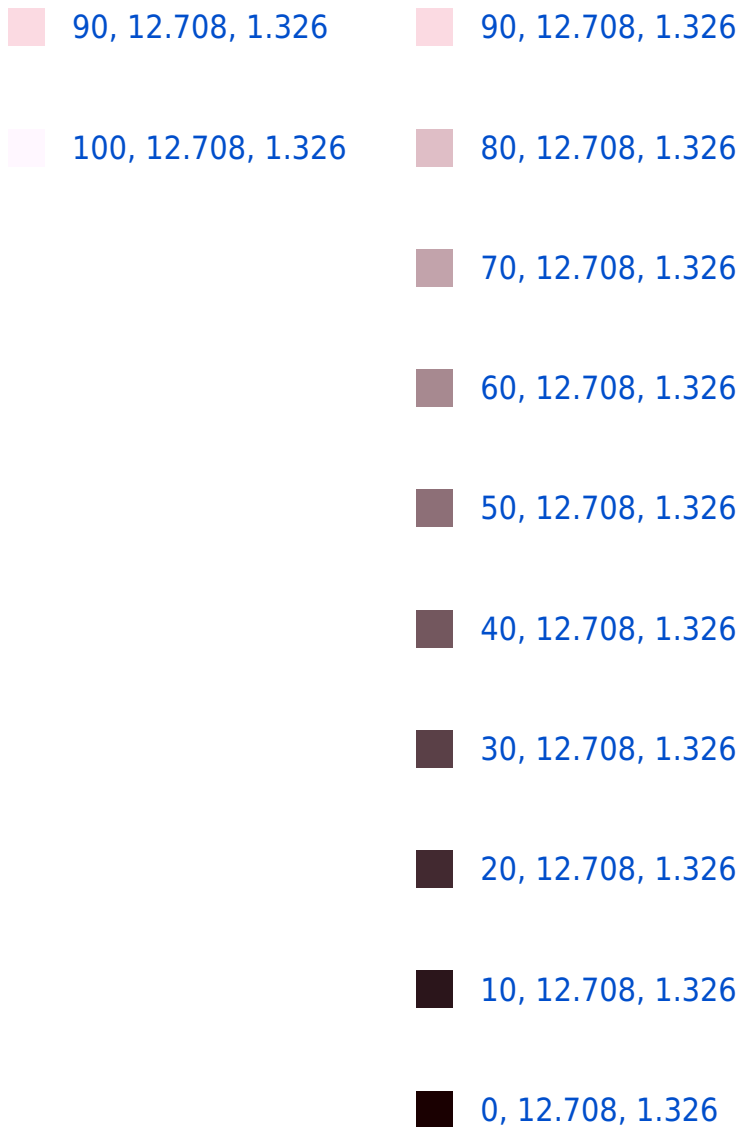


- Cyan (1%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 12.708, 1.326 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, 12.708, 1.326 by changing the saturation by 10% instead.



90, 12.708, 1.326

90, 12.708, 1.326

84, 22.880, 2.537

97, 2.964, 0.171

77, 33.380, 3.958

100, 1.314,
199.826

72, 44.007, 5.685

66, 54.450, 7.831

62, 64.290, 10.538

58, 73.079, 13.976

55, 80.500, 18.288

53, 86.562, 23.472

53, 90.259, 27.284

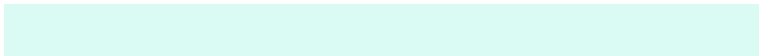
Harmonies

Complementary

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



90, 12.708, 1.326



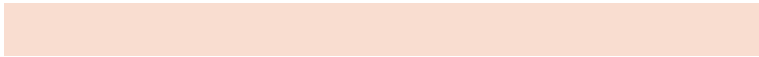
96, 12.133, 178.907

Rectangle

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



90, 12.708, 1.326



90, 12.708, 51.326



90, 12.708, 181.326



90, 12.708, 231.326

Sweetspot

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



90, 12.706, 1.333



97, 3.832, 0.296



90, 19.281, 317.851



51, 2.728, 0.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

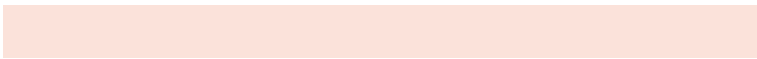
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 12.706, 1.333



89, 15.768, 1.662



92, 10.074, 44.811



49, 5.427, 0.929



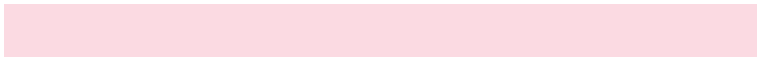
40, 72.203, 26.203



9, 30.793, 15.567

Inverse Universe

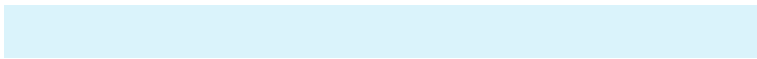
The Inverse Universe completely reimagines the original color for something new.



90, 12.706, 1.333



89, 15.768, 1.662



94, 9.300, 226.222



49, 5.427, 0.929



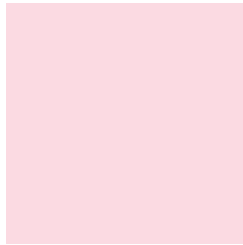
40, 72.203, 26.203



9, 30.793, 15.567

Previews

White Background



This preview shows how the CIELCh color 90, 12.708, 1.326 looks on a white background.

Color Contrast Check

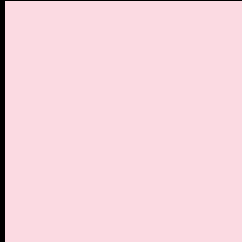
Large Text (above 18pt) WCAG AA × Fail

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 90, 12.708, 1.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

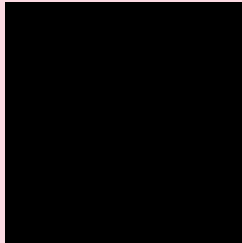
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 12.708, 1.326

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.708, 1.326.

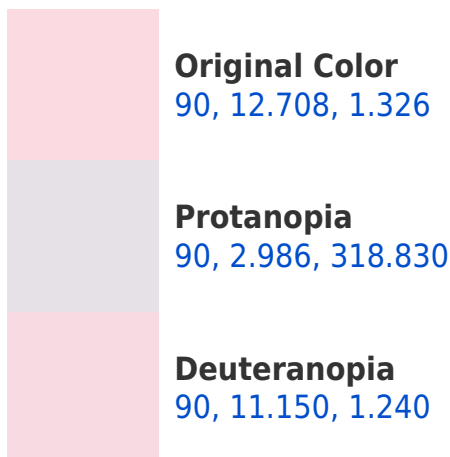



This preview shows how white text looks on a background with the CIELCh color 90, 12.708, 1.326.

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





Tritanopia
90, 15.378, 345.612

Trichromacy



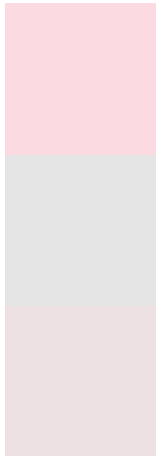
Original Color
90, 12.708, 1.326

Protanomaly
90, 5.935, 348.126

Deuteranomaly
90, 11.499, 1.871

Tritanomaly
90, 14.586, 350.688

Monochromacy



Original Color
90, 12.708, 1.326

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.598, 359.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.708, 1.326 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(251, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 218, 226)  
}
```

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(251, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 218, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.708, 1.326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

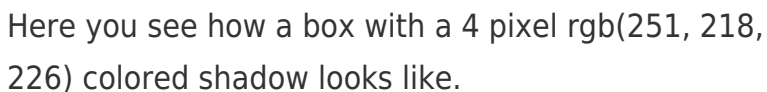
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 218, 226) }
```

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

```
.border{ border-color:rgb(251, 218, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 218, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 218, 226); box-shadow:4px 4px 4px 4px rgb(251, 218, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.708, 1.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 218, 226) }
```

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

```
.background{ background-color: rgb(251,  
218, 226) }
```

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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