

Converting Colors

CIELCh(90, 12.028, 12.602)

Have a look what the booklet for
CIELCh(90, 12.028, 12.602) contains.

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Color

CIELCh(90, 11.825, 12.704)

Conversions

Conversions Part 1

Format	Color
Hex	FBDBDE
RGB	251, 219, 222
RGB Percent	98%, 86%, 87%
CMY	0.0164, 0.1419, 0.1301
CMYK	0.00, 0.13, 0.12, 0.02
HSL	354°, 79%, 92%
HSV	354°, 13%, 98%
XYZ	78.1571, 76.3034, 79.5851
YIQ	228.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

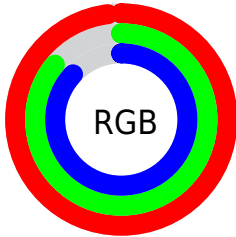
Format	Color
R _Y B	251, 219, 222
Decimal	16505822
CIE Lab	90.00, 11.54, 2.60
CIE LCh	90, 11.825, 12.704
Yxy	76.3034, 0.3339, 0.3260
Android (android.graphics.Color)	4294695902 (0xFFFBDBDE)
YUV	228.9100, -3.4066, 19.3729
Hunter-Lab	87.3518, 6.8453, 7.1279

Details

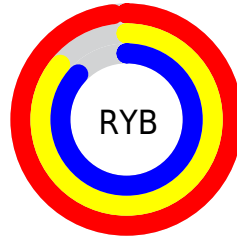
The CIELCh color **90, 11.825, 12.704** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.050, 190.746**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.742, 12.466** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.796, 13.818**, and if you desaturate by 10%, it is **97, 2.470, 11.628**.

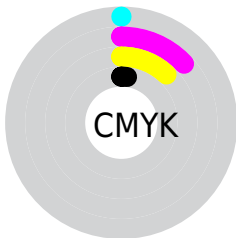
Distribution



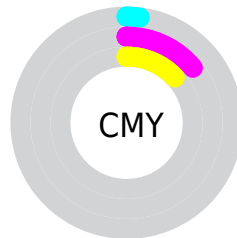
- Red (98%)
- Green (86%)
- Blue (87%)



- Red (98%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 11.825, 12.704 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, 11.825, 12.704 by changing the saturation by 10% instead.

 90, 11.825, 12.704

 90, 11.825, 12.704

 100, 11.825,
12.704

 80, 11.825, 12.704

 70, 11.825, 12.704

 60, 11.825, 12.704

 50, 11.825, 12.704

 40, 11.825, 12.704

 30, 11.825, 12.704

 20, 11.825, 12.704

 10, 11.825, 12.704

 0, 11.825, 12.704

90, 11.825, 12.704

90, 11.825, 12.704

83, 21.796, 13.818

97, 2.470, 11.628

77, 32.343, 15.171

100, 1.456,
199.768

71, 43.337, 16.874

66, 54.548, 19.045

61, 65.644, 21.819

57, 76.232, 25.308

55, 85.941, 29.499

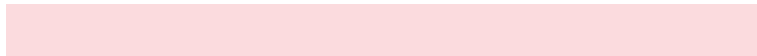
53, 94.350, 34.046

52, 99.254, 36.966

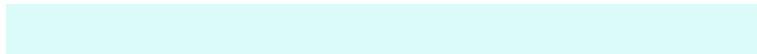
Harmonies

Complementary

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



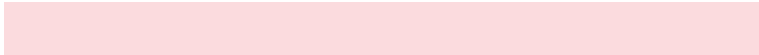
90, 11.825, 12.704



96, 11.050, 190.746

Rectangle

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



90, 11.825, 12.704



90, 11.825, 62.704



90, 11.825, 192.704



90, 11.825, 242.704

Sweetspot

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



90, 11.823, 12.714



97, 3.650, 11.810



91, 19.486, 322.325



51, 2.600, 11.900



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

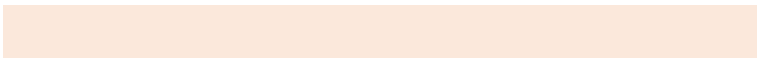
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 11.823, 12.714



90, 14.199, 12.947



93, 9.653, 62.537



49, 5.197, 12.388



39, 79.439, 36.230



9, 31.557, 22.348

Inverse Universe

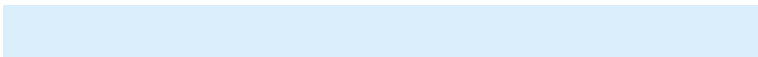
The Inverse Universe completely reimagines the original color for something new.



90, 11.823, 12.714



90, 14.199, 12.947



93, 9.155, 245.434



49, 5.197, 12.388



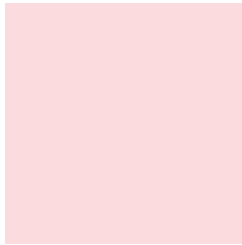
39, 79.439, 36.230



9, 31.557, 22.348

Previews

White Background



This preview shows how the CIELCh color 90, 11.825, 12.704 looks on a white background.

Color Contrast Check

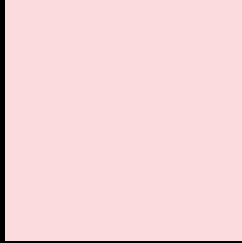
Large Text (above 18pt) WCAG AA × Fail

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, 11.825, 12.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

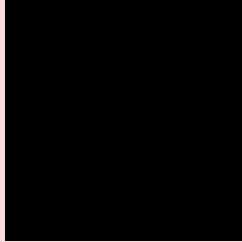
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 11.825, 12.704

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.825, 12.704.

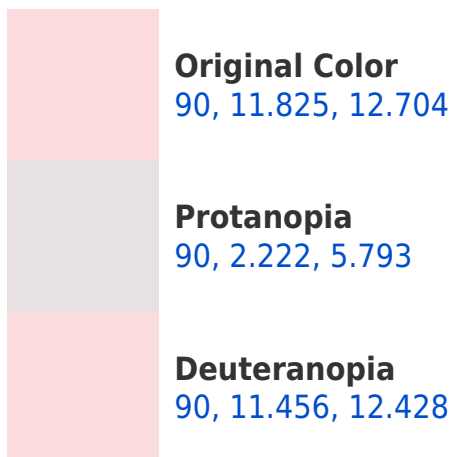


This preview shows how white text looks on a background with the CIELCh color 90, 11.825, 12.704.

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](#).

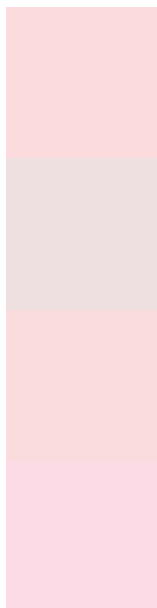
Dichromacy





Tritanopia
90, 15.378, 345.612

Trichromacy



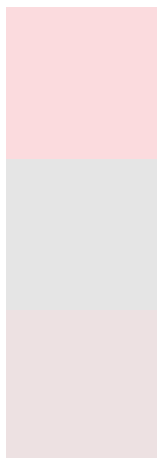
Original Color
90, 11.825, 12.704

Protanomaly
90, 5.457, 14.245

Deuteranomaly
90, 11.456, 12.428

Tritanomaly
90, 13.791, 353.665

Monochromacy



Original Color
90, 11.825, 12.704

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.361, 12.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.825, 12.704 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, 219, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 222)  
}
```

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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.825, 12.704 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, 219, 222) }
```

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

```
.border{ border-color:rgb(251, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.825, 12.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 222) }
```

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

```
.background{ background-color: rgb(251,  
219, 222) }
```

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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