

Converting Colors

CIELCh(90, 12.194, 50.485)

Have a look what the booklet for
CIELCh(90, 12.194, 50.485) contains.

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Color

CIELCh(90, 12.194, 50.485)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDD1
RGB	249, 221, 209
RGB Percent	98%, 87%, 82%
CMY	0.0243, 0.1341, 0.1812
CMYK	0.00, 0.11, 0.16, 0.02
HSL	18°, 76%, 90%
HSV	18°, 16%, 98%
XYZ	76.2819, 76.3034, 70.9010
YIQ	228.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

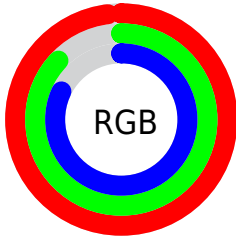
Format	Color
R _Y B	249, 226, 209
Decimal	16375249
CIE Lab	90.00, 7.76, 9.41
CIE LCh	90, 12.194, 50.485
Yxy	76.3034, 0.3413, 0.3414
Android (android.graphics.Color)	4294565329 (0xFFF9DDD1)
YUV	228.0040, -9.3690, 18.4135
Hunter-Lab	87.3518, 3.0134, 13.0222

Details

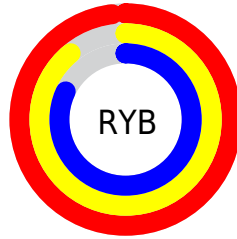
The CIELCh color **90, 12.194, 50.485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 11.130, 232.955**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.985, 50.012** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.563, 49.963**, and if you desaturate by 10%, it is **95, 4.435, 51.037**.

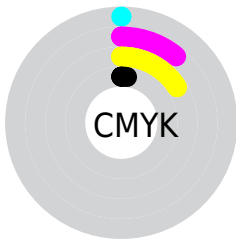
Distribution



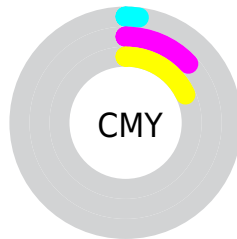
- Red (98%)
- Green (87%)
- Blue (82%)



- Red (98%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 12.194, 50.485 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, 12.194, 50.485 by changing the saturation by 10% instead.

 90, 12.194, 50.485

 90, 12.194, 50.485

 100, 12.194,
50.485

 80, 12.194, 50.485

 70, 12.194, 50.485

 60, 12.194, 50.485

 50, 12.194, 50.485

 40, 12.194, 50.485

 30, 12.194, 50.485

 20, 12.194, 50.485

 10, 12.194, 50.485

 0, 12.194, 50.485

90, 12.194, 50.485

90, 12.194, 50.485

85, 20.563, 49.963

95, 4.435, 51.037

81, 29.594, 49.508

100, 2.151,
199.577

76, 39.310, 49.163

72, 49.689, 48.940

68, 60.605, 48.826

64, 71.724, 48.735

61, 82.267, 48.420

58, 90.707, 47.351

57, 93.432, 46.826

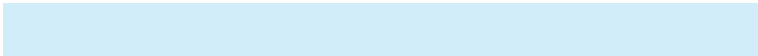
Harmonies

Complementary

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



90, 12.194, 50.485



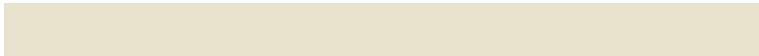
92, 11.130, 232.955

Rectangle

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



90, 12.194, 50.485



90, 12.194, 100.485



90, 12.194, 230.485



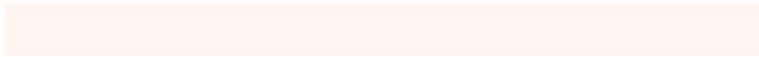
90, 12.194, 280.485

Sweetspot

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



90, 12.193, 50.499



97, 3.709, 51.078



88, 20.433, 335.395



52, 2.537, 51.052



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, 12.193, 50.499



91, 14.872, 50.335



95, 16.609, 98.537



50, 4.220, 50.867



44, 75.432, 47.383



12, 27.324, 43.330

Inverse Universe

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



92, 11.130, 232.955



93, 13.325, 233.253



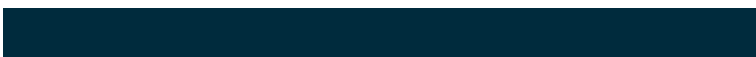
87, 16.909, 282.459



50, 4.009, 232.382



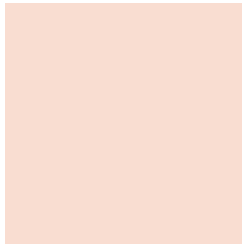
52, 39.083, 256.221



16, 16.755, 248.848

Previews

White Background



This preview shows how the CIE LCh color 90, 12.194, 50.485 looks on a white background.

Color Contrast Check

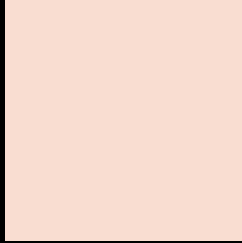
Large Text (above 18pt) WCAG AA × Fail

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, 12.194, 50.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

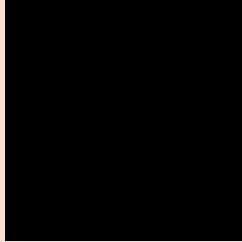
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

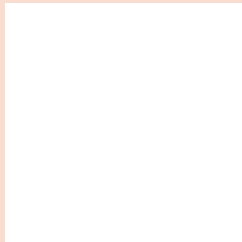
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 12.194, 50.485

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.194, 50.485.

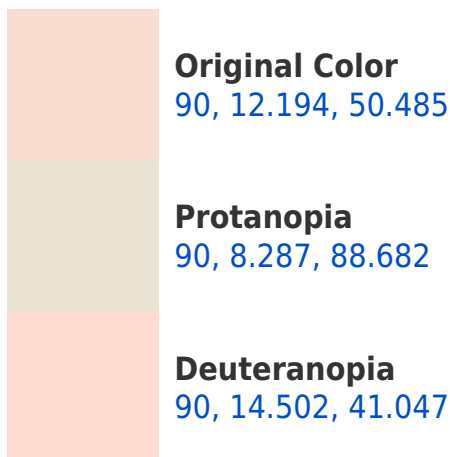



This preview shows how white text looks on a background with the CIELCh color 90, 12.194, 50.485.

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](#).

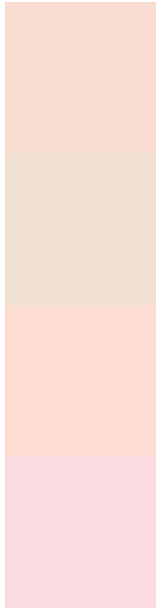
Dichromacy





Tritanopia
90, 15.378, 345.612

Trichromacy



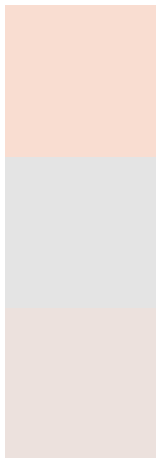
Original Color
90, 12.194, 50.485

Protanomaly
90, 9.125, 72.020

Deuteranomaly
90, 13.647, 44.679

Tritanomaly
90, 12.565, 3.572

Monochromacy



Original Color
90, 12.194, 50.485

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.483, 46.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.194, 50.485 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, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 209)  
}
```

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, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.194, 50.485 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, 221, 209) }
```

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

```
.border{ border-color:rgb(249, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.194, 50.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 209) }
```

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

```
.background{ background-color: rgb(249,  
221, 209) }
```

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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