

Converting Colors

CIELCh(90, 7.549, 42.976)

Have a look what the booklet for
CIELCh(90, 7.549, 42.976) contains.

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Color

CIELCh(90, 7.290, 44.912)

Conversions

Conversions Part 1

Format	Color
Hex	F1DFD9
RGB	241, 223, 217
RGB Percent	95%, 87%, 85%
CMY	0.0558, 0.1264, 0.1499
CMYK	0.00, 0.07, 0.10, 0.06
HSL	15°, 46%, 90%
HSV	15°, 10%, 94%
XYZ	75.0104, 76.3034, 76.2579
YIQ	227.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

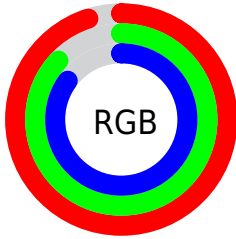
Format	Color
R _Y B	241, 225, 217
Decimal	15851481
CIE Lab	90.00, 5.16, 5.15
CIE LCh	90, 7.290, 44.912
Yxy	76.3034, 0.3296, 0.3353
Android (android.graphics.Color)	4294041561 (0xFFFF1DFD9)
YUV	227.6980, -5.2741, 11.6659
Hunter-Lab	87.3518, 0.4152, 9.3862

Details

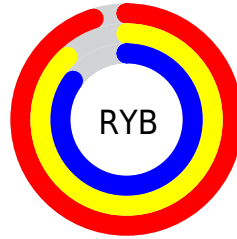
The CIELCh color **90, 7.290, 44.912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 6.871, 226.058**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 7.379, 46.100** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.206, 44.627**, and if you desaturate by 10%, it is **95, 0.029, 246.811**.

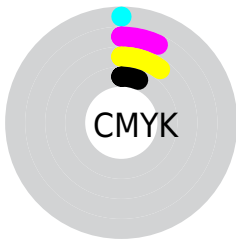
Distribution



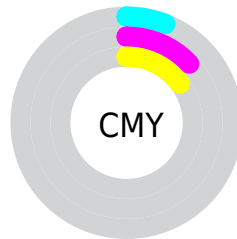
- Red (95%)
- Green (87%)
- Blue (85%)



- Red (95%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.290, 44.912 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, 7.290, 44.912 by changing the saturation by 10% instead.



90, 7.290, 44.912

90, 7.290, 44.912

85, 15.206, 44.627

95, 0.029, 246.811

80, 23.778, 44.396

99, 4.905, 199.230

75, 33.046, 44.293

71, 43.017, 44.349

67, 53.632, 44.580

63, 64.704, 44.963

59, 75.779, 45.373

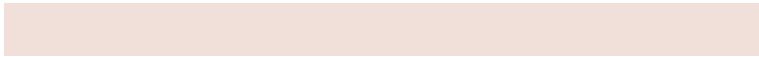
56, 85.823, 45.450

54, 93.401, 44.781

Harmonies

Complementary

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



90, 7.290, 44.912



92, 6.871, 226.058

Rectangle

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



90, 7.290, 44.912



90, 7.290, 94.912



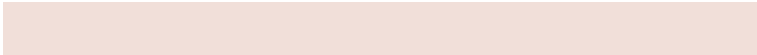
90, 7.290, 224.912



90, 7.290, 274.912

Sweetspot

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



90, 7.289, 44.933



98, 2.234, 45.024



89, 12.732, 332.963



52, 1.700, 45.049



0, 0.000, 0.000



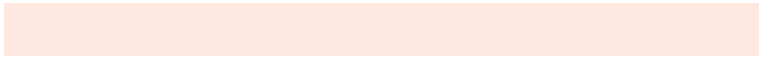
53, 0.007, 296.813

Same Dimension

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



90, 7.289, 44.933



94, 9.272, 44.868



93, 9.493, 96.027



47, 4.133, 44.948



41, 75.774, 45.270



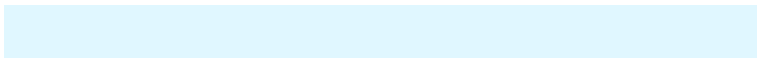
10, 25.491, 38.372

Inverse Universe

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



92, 6.871, 226.058



96, 8.623, 226.176



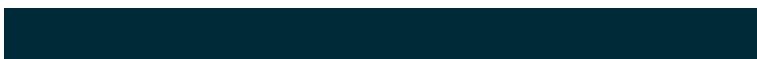
89, 9.568, 278.504



49, 3.908, 226.032



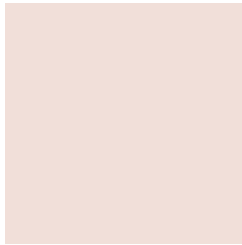
54, 35.750, 246.261



15, 15.123, 238.898

Previews

White Background



This preview shows how the CIELCh color 90, 7.290, 44.912 looks on a white background.

Color Contrast Check

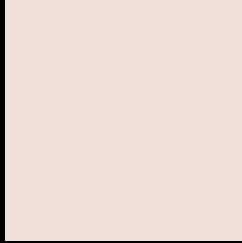
Large Text (above 18pt) WCAG AA × Fail

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, 7.290, 44.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

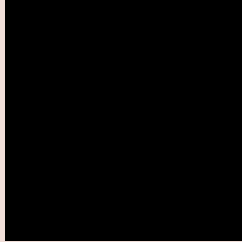
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

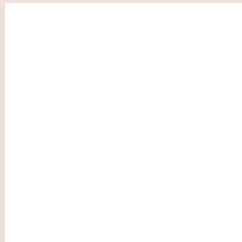
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.290, 44.912

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.290, 44.912.

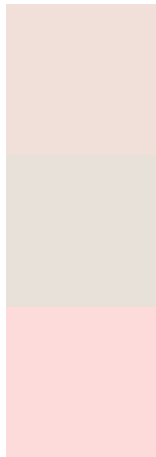


This preview shows how white text looks on a background with the CIELCh color 90, 7.290, 44.912.

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, 7.290, 44.912

Protanopia

90, 4.410, 74.592

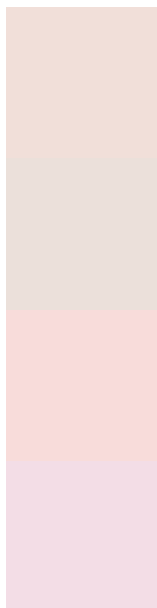
Deuteranopia

90, 12.191, 22.652



Tritanopia
90, 12.329, 334.592

Trichromacy



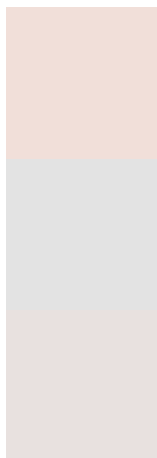
Original Color
90, 7.290, 44.912

Protanomaly
90, 5.056, 57.396

Deuteranomaly
90, 10.359, 25.792

Tritanomaly
90, 9.214, 349.626

Monochromacy



Original Color
90, 7.290, 44.912

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.717, 41.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.290, 44.912 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(241, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 217)  
}
```

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(241, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.290, 44.912 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(241, 223, 217) }
```

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

```
.border{ border-color:rgb(241, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.290, 44.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 217) }
```

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

```
.background{ background-color: rgb(241,  
223, 217) }
```

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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