

Converting Colors

CIELCh(90, 7.130, 45.159)

Have a look what the booklet for
CIELCh(90, 7.130, 45.159) contains.

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Color

CIELCh(90, 6.954, 46.197)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFD9
RGB	240, 223, 217
RGB Percent	94%, 87%, 85%
CMY	0.0589, 0.1255, 0.1490
CMYK	0.00, 0.07, 0.10, 0.06
HSL	16°, 43%, 90%
HSV	16°, 10%, 94%
XYZ	74.8404, 76.3034, 76.4230
YIQ	227.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

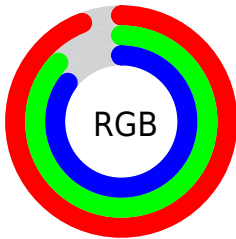
Format	Color
R _Y B	240, 225, 217
Decimal	15785945
CIE Lab	90.00, 4.81, 5.02
CIE LCh	90, 6.954, 46.197
Yxy	76.3034, 0.3289, 0.3353
Android (android.graphics.Color)	4293976025 (0xFFFF0DFD9)
YUV	227.3990, -5.1267, 11.0511
Hunter-Lab	87.3518, 0.0679, 9.2742

Details

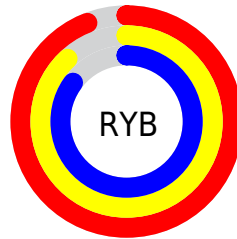
The CIELCh color **90, 6.954, 46.197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 6.576, 227.409**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 7.026, 47.505** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.789, 45.856**, and if you desaturate by 10%, it is **95, 0.295, 228.820**.

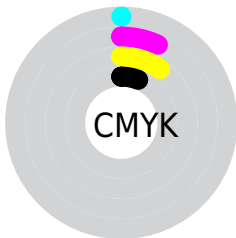
Distribution



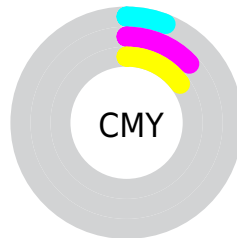
- Red (94%)
- Green (87%)
- Blue (85%)



- Red (94%)
- 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, 6.954, 46.197 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, 6.954, 46.197 by changing the saturation by 10% instead.



90, 6.954, 46.197

90, 6.954, 46.197

85, 14.789, 45.856

95, 0.295, 228.820

80, 23.269, 45.560

99, 5.165, 199.206

76, 32.434, 45.382

71, 42.294, 45.353

67, 52.796, 45.486

63, 63.764, 45.760

60, 74.759, 46.052

57, 84.790, 46.020

54, 92.404, 45.225

Harmonies

Complementary

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



90, 6.954, 46.197



92, 6.576, 227.409

Rectangle

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



90, 6.954, 46.197



90, 6.954, 96.197



90, 6.954, 226.197



90, 6.954, 276.197

Sweetspot

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



90, 6.953, 46.219



98, 2.226, 46.333



89, 12.207, 332.936



52, 1.693, 46.353



0, 0.000, 0.000



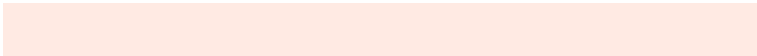
53, 0.007, 296.813

Same Dimension

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



90, 6.953, 46.219



94, 8.432, 46.166



93, 9.102, 96.073



48, 4.117, 46.223



42, 75.368, 45.706



10, 25.341, 39.155

Inverse Universe

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



92, 6.576, 227.409



96, 7.902, 227.496



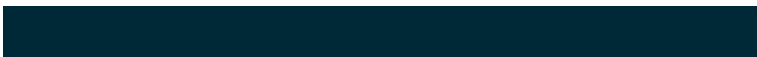
89, 9.172, 278.453



48, 3.896, 227.403



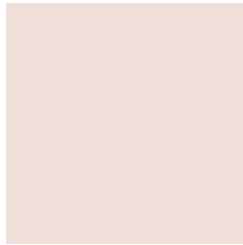
53, 36.207, 248.490



15, 15.230, 240.911

Previews

White Background



This preview shows how the CIELCh color 90, 6.954, 46.197 looks on a white background.

Color Contrast Check

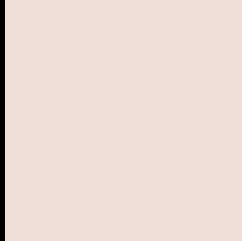
Large Text (above 18pt) WCAG AA × Fail

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, 6.954, 46.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

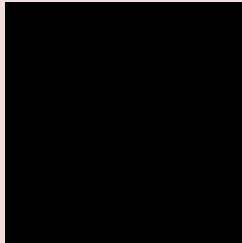
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

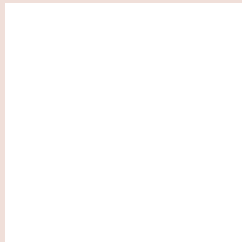
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.954, 46.197

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.954, 46.197.

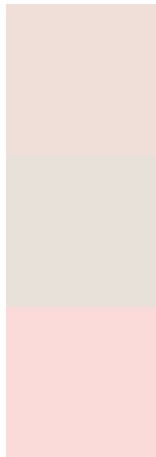


This preview shows how white text looks on a background with the CIELCh color 90, 6.954, 46.197.

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, 6.954, 46.197

Protanopia

90, 4.410, 74.592

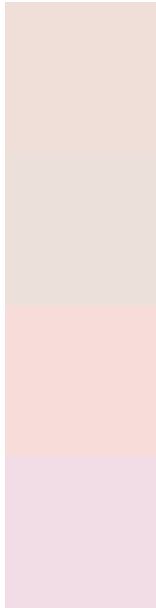
Deuteranopia

90, 11.814, 22.702



Tritanopia
90, 12.084, 333.346

Trichromacy



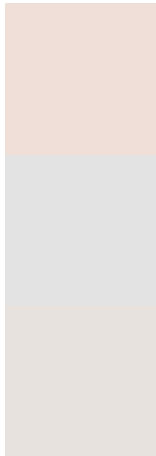
Original Color
90, 6.954, 46.197

Protanomaly
90, 5.056, 57.396

Deuteranomaly
90, 9.986, 25.980

Tritanomaly
90, 8.904, 348.408

Monochromacy



Original Color
90, 6.954, 46.197

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.647, 55.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.954, 46.197 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(240, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.954, 46.197 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(240, 223, 217) }
```

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

```
.border{ border-color:rgb(240, 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(240, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.954, 46.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 217) }
```

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

```
.background{ background-color: rgb(240,  
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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