

Converting Colors

CIELCh(90, 6.786, 14.120)

Have a look what the booklet for
CIELCh(90, 6.786, 14.120) contains.

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Color

CIELCh(90, 6.925, 15.535)

Conversions

Conversions Part 1

Format	Color
Hex	F1DEDf
RGB	241, 222, 223
RGB Percent	95%, 87%, 87%
CMY	0.0547, 0.1292, 0.1253
CMYK	0.00, 0.08, 0.07, 0.05
HSL	357°, 40%, 91%
HSV	357°, 8%, 95%
XYZ	75.7479, 76.3034, 80.5775
YIQ	227.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

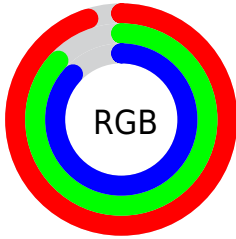
Format	Color
R _Y B	241, 222, 223
Decimal	15851231
CIE Lab	90.00, 6.67, 1.85
CIE LCh	90, 6.925, 15.535
Yxy	76.3034, 0.3256, 0.3280
Android (android.graphics.Color)	4294041311 (0xFFFF1DEDF)
YUV	227.7950, -2.3639, 11.5808
Hunter-Lab	87.3518, 1.9222, 6.4543

Details

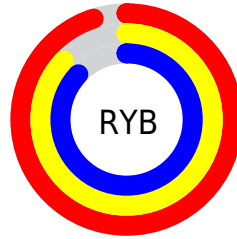
The CIELCh color **90, 6.925, 15.535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 6.618, 194.609**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 6.938, 15.454** is the 20% darker color. If you saturate the color by 10%, you get **84, 16.286, 16.506**, and if you desaturate by 10%, it is **97, 1.792, 195.264**.

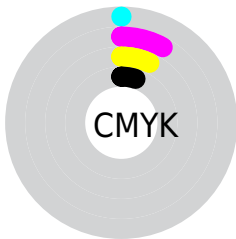
Distribution



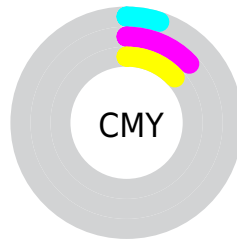
- Red (95%)
- Green (87%)
- Blue (87%)



- Red (95%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.925, 15.535 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, 6.925, 15.535 by changing the saturation by 10% instead.

90, 6.925, 15.535

90, 6.925, 15.535

100, 6.925, 15.535

80, 6.925, 15.535

70, 6.925, 15.535

60, 6.925, 15.535

50, 6.925, 15.535

40, 6.925, 15.535

30, 6.925, 15.535

20, 6.925, 15.535

10, 6.925, 15.535

0, 6.925, 15.535

90, 6.925, 15.535

90, 6.925, 15.535

84, 16.286, 16.506

97, 1.792, 195.264

77, 26.295, 17.654

99, 4.808, 199.238

71, 36.888, 19.107

66, 47.912, 20.970

61, 59.110, 23.368

57, 70.131, 26.414

54, 80.566, 30.129

52, 89.888, 34.255

51, 97.030, 37.939

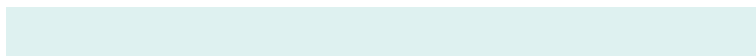
Harmonies

Complementary

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



90, 6.925, 15.535



94, 6.618, 194.609

Rectangle

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



90, 6.925, 15.535



90, 6.925, 65.535



90, 6.925, 195.535



90, 6.925, 245.535

Sweetspot

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



90, 6.923, 15.552



99, 1.802, 14.833



90, 11.738, 323.019



53, 1.024, 14.807



0, 0.000, 0.000



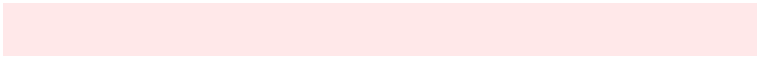
53, 0.007, 296.813

Same Dimension

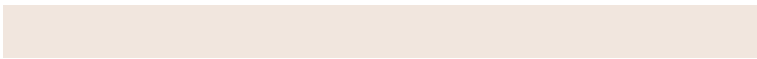
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 6.923, 15.552



94, 8.310, 15.657



92, 5.755, 66.917



47, 4.998, 15.698



38, 79.476, 37.921



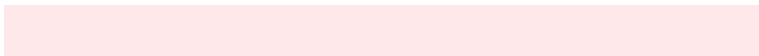
8, 29.564, 21.698

Inverse Universe

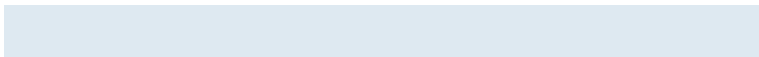
The Inverse Universe completely reimagines the original color for something new.



90, 6.923, 15.552



94, 8.310, 15.657



92, 5.606, 248.893



47, 4.998, 15.698



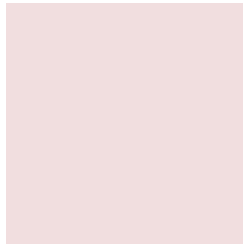
38, 79.476, 37.921



8, 29.564, 21.698

Previews

White Background



This preview shows how the CIELCh color 90, 6.925, 15.535 looks on a white background.

Color Contrast Check

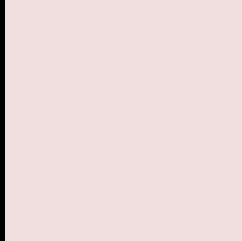
Large Text (above 18pt) WCAG AA × Fail

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, 6.925, 15.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

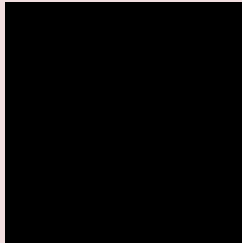
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

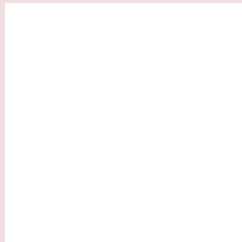
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.925, 15.535

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.925, 15.535.



This preview shows how white text looks on a background with the CIELCh color 90, 6.925, 15.535.

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, 12.084, 333.346

Trichromacy



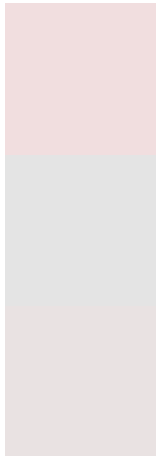
Original Color
90, 6.925, 15.535

Protanomaly
90, 3.971, 19.534

Deuteranomaly
90, 9.693, 7.742

Tritanomaly
90, 9.479, 343.054

Monochromacy



Original Color
90, 6.925, 15.535

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.515, 19.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.925, 15.535 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, 222, 223)` looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 223)  
}
```

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, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.925, 15.535 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, 222, 223) }
```

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

```
.border{ border-color:rgb(241, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.925, 15.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 223) }
```

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

```
.background{ background-color: rgb(241,  
222, 223) }
```

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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