

Converting Colors

CIELCh(91, 7.615, 12.870)

Have a look what the booklet for
CIELCh(91, 7.615, 12.870) contains.

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Color

CIELCh(91, 7.689, 12.167)

Conversions

Conversions Part 1

Format	Color
Hex	F5E0E2
RGB	245, 224, 226
RGB Percent	96%, 88%, 89%
CMY	0.0378, 0.1202, 0.1124
CMYK	0.00, 0.09, 0.08, 0.04
HSL	354°, 52%, 92%
HSV	354°, 9%, 96%
XYZ	78.3029, 78.4833, 83.2227
YIQ	230.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

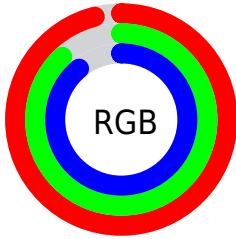
Format	Color
R_{YB}	245, 224, 226
Decimal	16113890
CIE Lab	91.00, 7.52, 1.62
CIE LCh	91, 7.689, 12.167
Yxy	78.4833, 0.3262, 0.3270
Android (android.graphics.Color)	4294303970 (0xFFFF5E0E2)
YUV	230.5070, -2.2220, 12.7104
Hunter-Lab	88.5908, 2.7371, 6.3162

Details

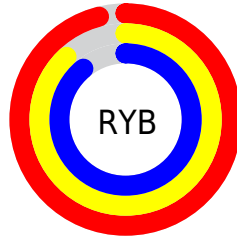
The CIELCh color **91, 7.689, 12.167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **95, 7.350, 190.980**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 7.742, 11.970** is the 20% darker color. If you saturate the color by 10%, you get **85, 17.230, 13.217**, and if you desaturate by 10%, it is **98, 1.247, 191.949**.

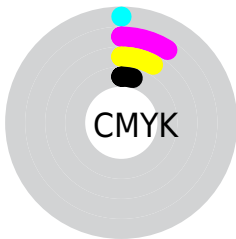
Distribution



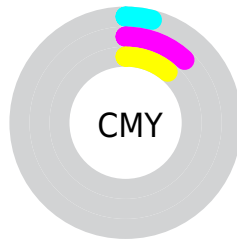
- Red (96%)
- Green (88%)
- Blue (89%)



- Red (96%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.689, 12.167 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 91, 7.689, 12.167 by changing the saturation by 10% instead.

91, 7.689, 12.167

91, 7.689, 12.167

100, 7.689, 12.167

81, 7.689, 12.167

71, 7.689, 12.167

61, 7.689, 12.167

51, 7.689, 12.167

41, 7.689, 12.167

31, 7.689, 12.167

21, 7.689, 12.167

11, 7.689, 12.167

1, 7.689, 12.167

91, 7.689, 12.167

91, 7.689, 12.167

85, 17.230, 13.217

98, 1.247, 191.949

78, 27.360, 14.454

99, 3.336, 199.392

72, 37.991, 15.995

67, 48.941, 17.950

62, 59.922, 20.449

58, 70.566, 23.622

54, 80.496, 27.529

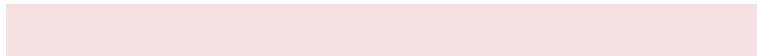
52, 89.355, 32.002

51, 96.584, 36.350

Harmonies

Complementary

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



91, 7.689, 12.167



95, 7.350, 190.980

Rectangle

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



91, 7.689, 12.167



91, 7.689, 62.167



91, 7.689, 192.167



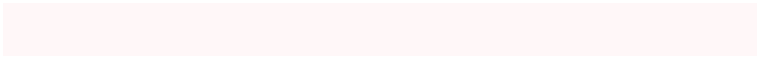
91, 7.689, 242.167

Sweetspot

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



91, 7.687, 12.181



98, 2.730, 11.555



91, 12.809, 322.111



52, 2.074, 11.671



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

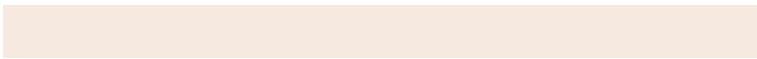
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 7.687, 12.181



93, 9.311, 12.326



93, 6.279, 62.938



48, 5.110, 12.273



39, 78.535, 36.118



8, 30.464, 21.166

Inverse Universe

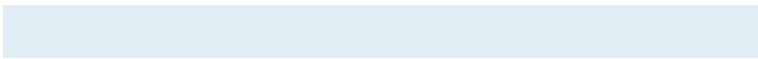
The Inverse Universe completely reimagines the original color for something new.



91, 7.687, 12.181



93, 9.311, 12.326



93, 6.072, 244.931



48, 5.110, 12.273



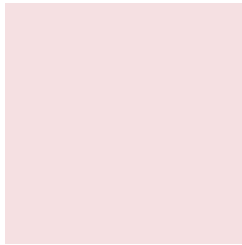
39, 78.535, 36.118



8, 30.464, 21.166

Previews

White Background



This preview shows how the CIELCh color 91, 7.689, 12.167 looks on a white background.

Color Contrast Check

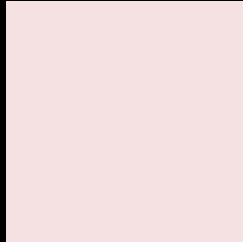
Large Text (above 18pt) WCAG AA × Fail

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 91, 7.689, 12.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

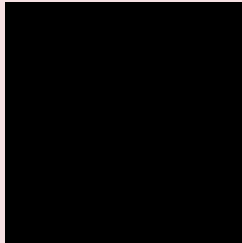
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

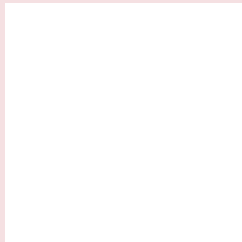
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.689, 12.167

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.689, 12.167.

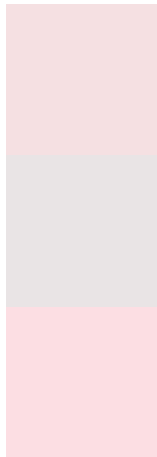


This preview shows how white text looks on a background with the CIELCh color 91, 7.689, 12.167.

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

91, 7.689, 12.167

Protanopia

91, 1.870, 3.138

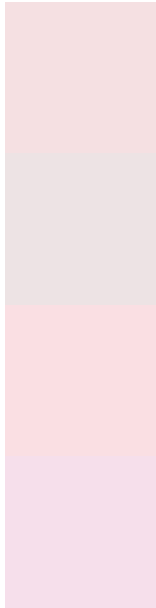
Deuteranopia

91, 11.216, 6.894



Tritanopia
91, 12.923, 334.145

Trichromacy



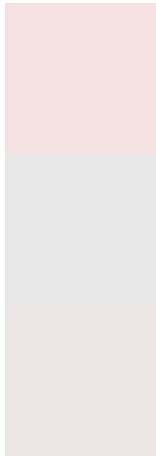
Original Color
91, 7.689, 12.167

Protanomaly
91, 3.635, 11.322

Deuteranomaly
91, 10.028, 8.212

Tritanomaly
91, 10.343, 343.225

Monochromacy



Original Color
91, 7.689, 12.167

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.509, 19.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.689, 12.167 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(245, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 226)  
}
```

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(245, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.689, 12.167 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(245, 224, 226) }
```

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

```
.border{ border-color:rgb(245, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.689, 12.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 226) }
```

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

```
.background{ background-color: rgb(245,  
224, 226) }
```

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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