

Converting Colors

CIELCh(91, 5.809, 357.592)

Have a look what the booklet for
CIELCh(91, 5.809, 357.592) contains.

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Color

CIELCh(91, 5.789, 358.801)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2E6
RGB	241, 226, 230
RGB Percent	95%, 89%, 90%
CMY	0.0565, 0.1153, 0.0997
CMYK	0.00, 0.06, 0.05, 0.06
HSL	344°, 34%, 91%
HSV	344°, 6%, 94%
XYZ	77.4398, 78.4833, 85.6234
YIQ	230.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

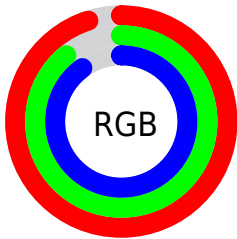
Format	Color
R _Y B	241, 226, 230
Decimal	15852262
CIE Lab	91.00, 5.79, -0.12
CIE LCh	91, 5.789, 358.801
Yxy	78.4833, 0.3206, 0.3249
Android (android.graphics.Color)	4294042342 (0xFFFF1E2E6)
YUV	230.9410, -0.4639, 8.8217
Hunter-Lab	88.5908, 0.9981, 4.7095

Details

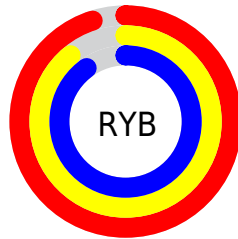
The CIELCh color **91, 5.789, 358.801** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.666, 177.852**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.745, 357.585** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.410, 359.930**, and if you desaturate by 10%, it is **97, 3.408, 178.162**.

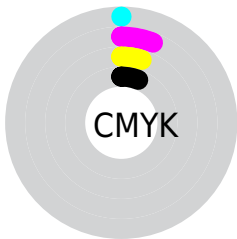
Distribution



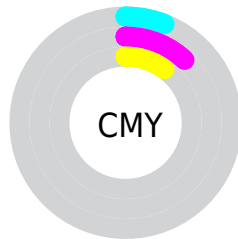
- Red (95%)
- Green (89%)
- Blue (90%)



- Red (95%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.789, 358.801 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, 5.789, 358.801 by changing the saturation by 10% instead.

91, 5.789, 358.801

91, 5.789, 358.801

100, 5.789,
358.801

81, 5.789, 358.801

71, 5.789, 358.801

61, 5.789, 358.801

51, 5.789, 358.801

41, 5.789, 358.801

31, 5.789, 358.801

21, 5.789, 358.801

11, 5.789, 358.801

1, 5.789, 358.801

91, 5.789, 358.801

91, 5.789, 358.801

85, 15.410,
359.930

97, 3.408, 178.162

99, 4.966, 199.224

79, 25.398, 1.181

73, 35.616, 2.665

67, 45.829, 4.471

62, 55.693, 6.718

58, 64.770, 9.557

55, 72.634, 13.160

52, 79.046, 17.662

51, 84.144, 23.034

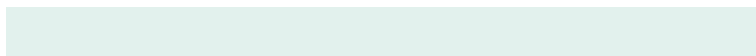
Harmonies

Complementary

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



91, 5.789, 358.801



94, 5.666, 177.852

Rectangle

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



91, 5.789, 358.801



91, 5.789, 48.801



91, 5.789, 178.801



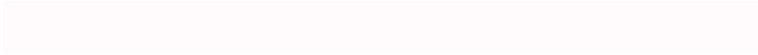
91, 5.789, 228.801

Sweetspot

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



91, 5.787, 358.815



99, 1.931, 358.207



91, 8.732, 317.018



53, 1.098, 358.182



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, 5.787, 358.815



95, 6.827, 358.904



92, 4.517, 43.051



47, 4.222, 358.966



38, 69.703, 24.044



8, 28.835, 12.235

Inverse Universe

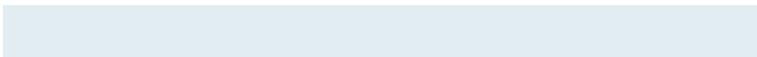
The Inverse Universe completely reimagines the original color for something new.



91, 5.787, 358.815



95, 6.827, 358.904



93, 4.356, 223.812



47, 4.222, 358.966



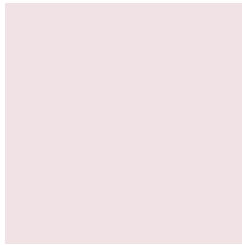
38, 69.703, 24.044



8, 28.835, 12.235

Previews

White Background



This preview shows how the CIELCh color 91, 5.789, 358.801 looks on a white background.

Color Contrast Check

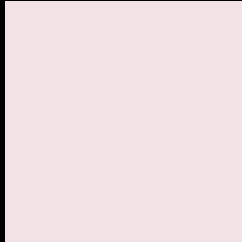
Large Text (above 18pt) WCAG AA × Fail

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, 5.789, 358.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

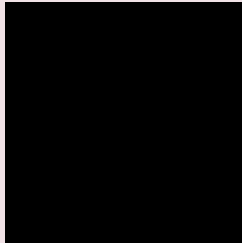
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

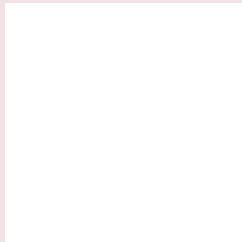
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.789, 358.801

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.789, 358.801.

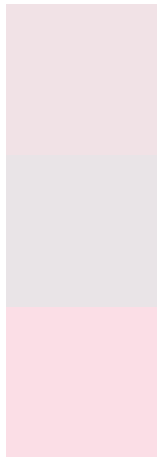


This preview shows how white text looks on a background with the CIELCh color 91, 5.789, 358.801.

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, 5.789, 358.801

Protanopia

91, 2.385, 338.618

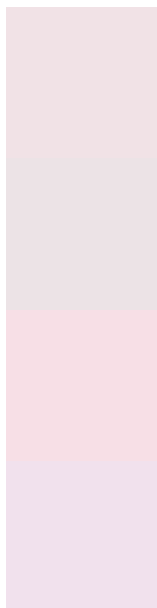
Deuteranopia

91, 11.286, 358.734



Tritanopia
91, 10.921, 326.358

Trichromacy



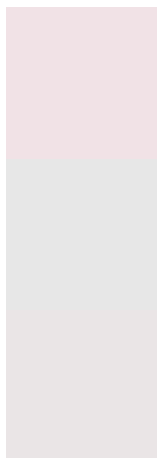
Original Color
91, 5.789, 358.801

Protanomaly
91, 3.593, 353.895

Deuteranomaly
91, 9.402, 357.417

Tritanomaly
91, 8.468, 332.727

Monochromacy



Original Color
91, 5.789, 358.801

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 1.868, 3.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.789, 358.801 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, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 230)  
}
```

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, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.789, 358.801 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, 226, 230) }
```

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

```
.border{ border-color:rgb(241, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 226, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 226, 230); box-shadow:4px 4px 4px 4px rgb(241, 226, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.789, 358.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 230) }
```

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

```
.background{ background-color: rgb(241,  
226, 230) }
```

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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