

Converting Colors

CIE LCh(91, 5.401, 5.424)

Have a look what the booklet for
CIELCh(91, 5.401, 5.424) contains.

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Color

CIELCh(91, 5.155, 8.096)

Conversions

Conversions Part 1

Format	Color
Hex	F0E2E4
RGB	240, 226, 228
RGB Percent	94%, 89%, 89%
CMY	0.0590, 0.1139, 0.1061
CMYK	0.00, 0.06, 0.05, 0.06
HSL	351°, 32%, 91%
HSV	351°, 6%, 94%
XYZ	77.0999, 78.4833, 84.4501
YIQ	230.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

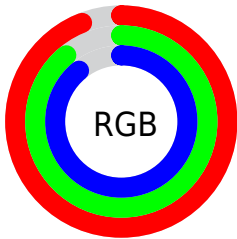
Format	Color
R _Y B	240, 226, 228
Decimal	15786724
CIE Lab	91.00, 5.10, 0.73
CIE LCh	91, 5.155, 8.096
Yxy	78.4833, 0.3212, 0.3270
Android (android.graphics.Color)	4293976804 (0xFFFF0E2E4)
YUV	230.4140, -1.1901, 8.4069
Hunter-Lab	88.5908, 0.3133, 5.4948

Details

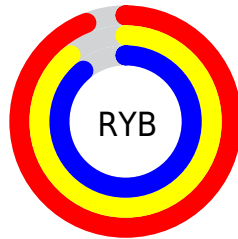
The CIELCh color **91, 5.155, 8.096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 5.013, 187.356**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.064, 7.356** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.415, 9.187**, and if you desaturate by 10%, it is **97, 3.563, 187.563**.

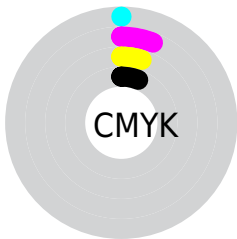
Distribution



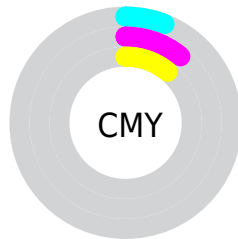
- Red (94%)
- Green (89%)
- Blue (89%)



- Red (94%)
- Yellow (89%)
- Blue (89%)



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



- Cyan (6%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.155, 8.096 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, 5.155, 8.096 by changing the saturation by 10% instead.

91, 5.155, 8.096

91, 5.155, 8.096

100, 5.155, 8.096

81, 5.155, 8.096

71, 5.155, 8.096

61, 5.155, 8.096

51, 5.155, 8.096

41, 5.155, 8.096

31, 5.155, 8.096

21, 5.155, 8.096

11, 5.155, 8.096

1, 5.155, 8.096

91, 5.155, 8.096

91, 5.155, 8.096

85, 14.415, 9.187

97, 3.563, 187.563

78, 24.199, 10.408

99, 5.178, 199.205

72, 34.421, 11.896

67, 44.909, 13.753

62, 55.387, 16.105

58, 65.491, 19.095

54, 74.845, 22.850

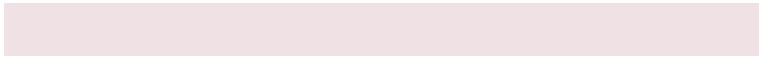
52, 83.184, 27.371

51, 90.344, 32.349

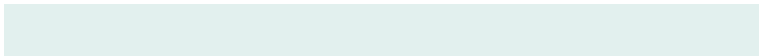
Harmonies

Complementary

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



91, 5.155, 8.096



94, 5.013, 187.356

Rectangle

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



91, 5.155, 8.096



91, 5.155, 58.096



91, 5.155, 188.096



91, 5.155, 238.096

Sweetspot

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



91, 5.153, 8.115



99, 1.837, 7.551



91, 8.428, 320.524



53, 1.044, 7.525



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

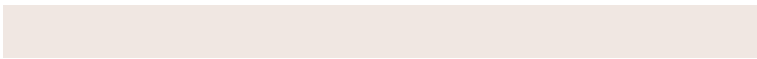
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 5.153, 8.115



95, 6.521, 8.245



92, 4.124, 57.132



47, 4.034, 8.305



38, 75.406, 33.393



8, 29.185, 17.993

Inverse Universe

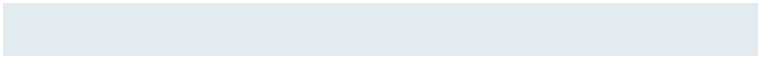
The Inverse Universe completely reimagines the original color for something new.



91, 5.153, 8.115



95, 6.521, 8.245



93, 4.021, 238.436



47, 4.034, 8.305



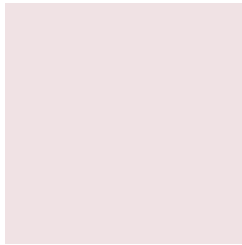
38, 75.406, 33.393



8, 29.185, 17.993

Previews

White Background



This preview shows how the CIELCh color 91, 5.155, 8.096 looks on a white background.

Color Contrast Check

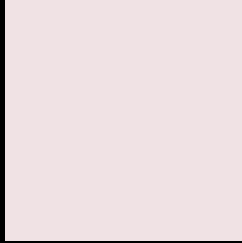
Large Text (above 18pt) WCAG AA × Fail

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, 5.155, 8.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

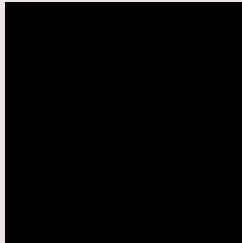
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

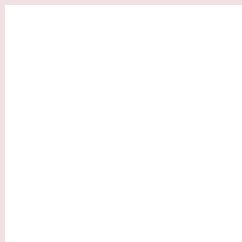
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.155, 8.096

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.155, 8.096.

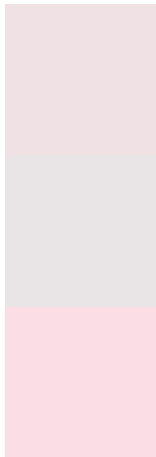


This preview shows how white text looks on a background with the CIELCh color 91, 5.155, 8.096.

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, 5.155, 8.096

Protanopia

91, 1.870, 3.138

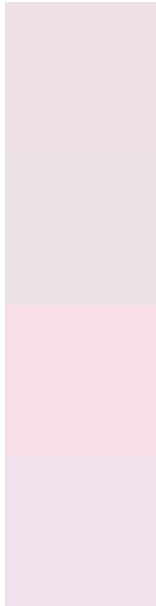
Deuteranopia

91, 11.121, 1.225



Tritanopia
91, 10.921, 326.358

Trichromacy



Original Color

91, 5.155, 8.096

Protanomaly

91, 3.400, 1.754

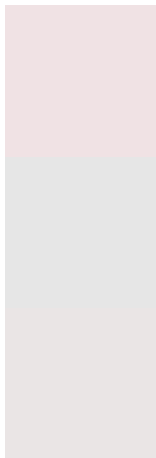
Deuteranomaly

91, 9.224, 0.392

Tritanomaly

91, 8.096, 335.206

Monochromacy



Original Color

91, 5.155, 8.096

Achromatopsia

91, 0.011, 296.813

Achromatomaly

91, 1.789, 19.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.155, 8.096 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, 226, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 228)  
}
```

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, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.155, 8.096 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, 226, 228) }
```

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

```
.border{ border-color:rgb(240, 226, 228) }
```

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

Here you see how a box with a 4 pixel rgb(240, 226, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.155, 8.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 228) }
```

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

```
.background{ background-color: rgb(240,  
226, 228) }
```

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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