

Converting Colors

CIELCh(91, 4.510, 12.804)

Have a look what the booklet for
CIELCh(91, 4.510, 12.804) contains.

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Color

CIELCh(91, 4.718, 13.326)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2E3
RGB	239, 226, 227
RGB Percent	94%, 89%, 89%
CMY	0.0618, 0.1127, 0.1088
CMYK	0.00, 0.05, 0.05, 0.06
HSL	355°, 29%, 91%
HSV	355°, 5%, 94%
XYZ	76.8459, 78.4833, 83.9527
YIQ	230.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

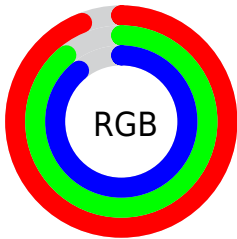
Format	Color
R _Y B	239, 226, 227
Decimal	15721187
CIE Lab	91.00, 4.59, 1.09
CIE LCh	91, 4.718, 13.326
Yxy	78.4833, 0.3212, 0.3280
Android (android.graphics.Color)	4293911267 (0xFFEFE2E3)
YUV	230.0010, -1.4795, 7.8921
Hunter-Lab	88.5908, -0.1985, 5.8277

Details

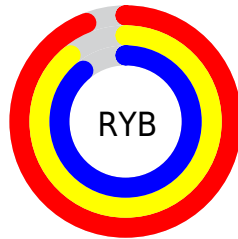
The CIELCh color **91, 4.718, 13.326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 4.578, 192.795**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 4.599, 12.911** is the 20% darker color. If you saturate the color by 10%, you get **85, 13.868, 14.335**, and if you desaturate by 10%, it is **98, 3.823, 192.904**.

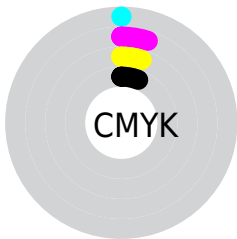
Distribution



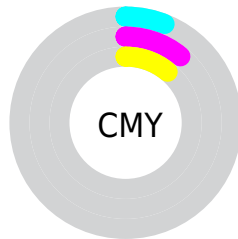
- Red (94%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.718, 13.326 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, 4.718, 13.326 by changing the saturation by 10% instead.

91, 4.718, 13.326

91, 4.718, 13.326

100, 4.718, 13.326

81, 4.718, 13.326

71, 4.718, 13.326

61, 4.718, 13.326

51, 4.718, 13.326

41, 4.718, 13.326

31, 4.718, 13.326

21, 4.718, 13.326

11, 4.718, 13.326

1, 4.718, 13.326

91, 4.718, 13.326

91, 4.718, 13.326

85, 13.868, 14.335

98, 3.823, 192.904

78, 23.633, 15.466

99, 5.416, 199.185

72, 33.956, 16.873

67, 44.699, 18.660

62, 55.624, 20.948

57, 66.396, 23.866

54, 76.633, 27.493

52, 85.944, 31.722

50, 93.705, 36.011

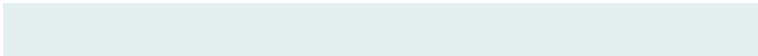
Harmonies

Complementary

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



91, 4.718, 13.326



94, 4.578, 192.795

Rectangle

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



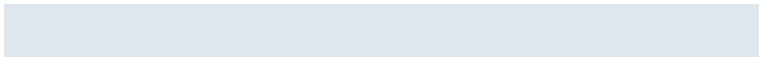
91, 4.718, 13.326



91, 4.718, 63.326



91, 4.718, 193.326



91, 4.718, 243.326

Sweetspot

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



91, 4.716, 13.349



99, 1.808, 12.853



91, 7.988, 322.416



53, 1.028, 12.826



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

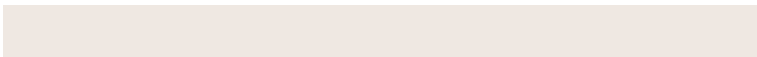
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 4.716, 13.349



95, 6.434, 13.511



92, 3.887, 65.193



47, 3.981, 13.565



38, 78.508, 36.941



8, 29.451, 20.713

Inverse Universe

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



91, 4.716, 13.349



95, 6.434, 13.511



92, 3.820, 246.635



47, 3.981, 13.565



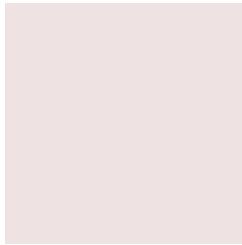
38, 78.508, 36.941



8, 29.451, 20.713

Previews

White Background



This preview shows how the CIELCh color 91, 4.718, 13.326 looks on a white background.

Color Contrast Check

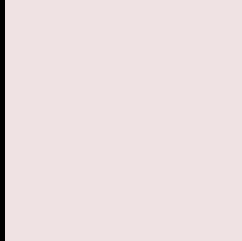
Large Text (above 18pt) WCAG AA × Fail

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, 4.718, 13.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

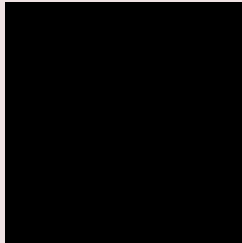
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

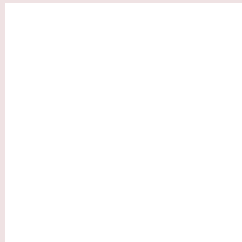
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.718, 13.326

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.718, 13.326.



This preview shows how white text looks on a background with the CIELCh color 91, 4.718, 13.326.

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](#).

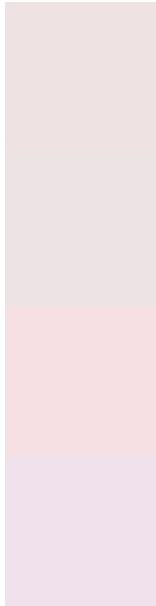
Dichromacy





Tritanopia
91, 11.148, 323.305

Trichromacy



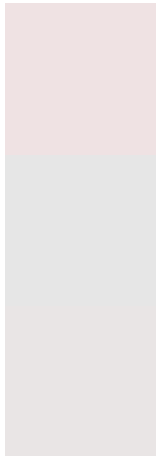
Original Color
91, 4.718, 13.326

Protanomaly
91, 2.922, 9.210

Deuteranomaly
91, 8.586, 6.054

Tritanomaly
91, 8.231, 330.874

Monochromacy



Original Color
91, 4.718, 13.326

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.430, 19.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.718, 13.326 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(239, 226, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 227)  
}
```

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(239, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.718, 13.326 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(239, 226, 227) }
```

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

```
.border{ border-color:rgb(239, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 226, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 226, 227); box-shadow:4px 4px 4px 4px rgb(239, 226, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.718, 13.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 227) }
```

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

```
.background{ background-color: rgb(239,  
226, 227) }
```

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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