

Converting Colors

CIELCh(91, 4.346, 2.626)

Have a look what the booklet for
CIELCh(91, 4.346, 2.626) contains.

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Color

CIELCh(91, 4.594, 359.866)

Conversions

Conversions Part 1

Format	Color
Hex	EEE2E5
RGB	238, 226, 229
RGB Percent	93%, 89%, 90%
CMY	0.0654, 0.1124, 0.1007
CMYK	0.00, 0.05, 0.04, 0.07
HSL	345°, 26%, 91%
HSV	345°, 5%, 93%
XYZ	76.8474, 78.4833, 85.4699
YIQ	229.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

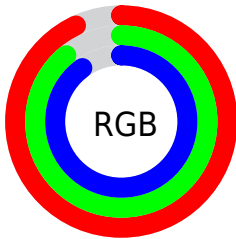
Format	Color
R _Y B	238, 226, 229
Decimal	15655653
CIE Lab	91.00, 4.59, -0.01
CIE LCh	91, 4.594, 359.866
Yxy	78.4833, 0.3191, 0.3259
Android (android.graphics.Color)	4293845733 (0xFFEEE2E5)
YUV	229.9300, -0.4585, 7.0774
Hunter-Lab	88.5908, -0.1955, 4.8122

Details

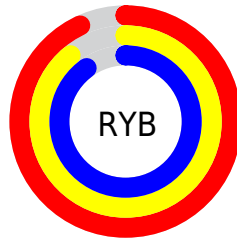
The CIELCh color `91, 4.594, 359.866` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 4.508, 179.204`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 4.485, 358.335` is the 20% darker color. If you saturate the color by 10%, you get `85, 14.034, 1.002`, and if you desaturate by 10%, it is `97, 4.407, 179.238`.

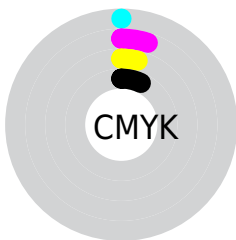
Distribution



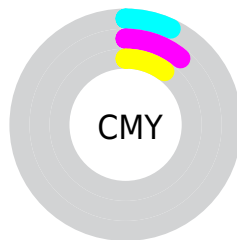
- Red (93%)
- Green (89%)
- Blue (90%)



- Red (93%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.594, 359.866 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, 4.594, 359.866 by changing the saturation by 10% instead.

91, 4.594, 359.866

91, 4.594, 359.866

100, 4.594,
359.866

81, 4.594, 359.866

71, 4.594, 359.866

61, 4.594, 359.866

51, 4.594, 359.866

41, 4.594, 359.866

31, 4.594, 359.866

21, 4.594, 359.866

11, 4.594, 359.866

1, 4.594, 359.866

91, 4.594, 359.866

91, 4.594, 359.866

85, 14.034, 1.002

97, 4.407, 179.238

79, 23.867, 2.235

99, 5.727, 199.158

73, 33.973, 3.696

67, 44.141, 5.476

62, 54.050, 7.690

58, 63.285, 10.487

54, 71.423, 14.035

52, 78.200, 18.468

51, 83.692, 23.759

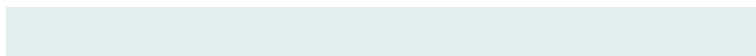
Harmonies

Complementary

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



91, 4.594, 359.866



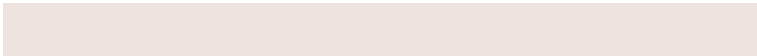
93, 4.508, 179.204

Rectangle

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



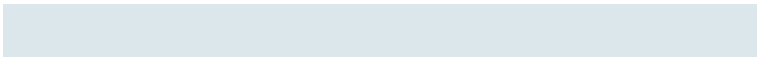
91, 4.594, 359.866



91, 4.594, 49.866



91, 4.594, 179.866



91, 4.594, 229.866

Sweetspot

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



91, 4.592, 359.884



99, 1.916, 359.412



91, 7.026, 317.478



53, 1.089, 359.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

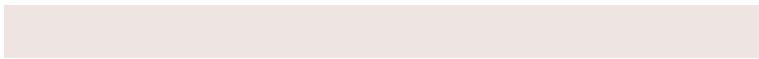
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 4.592, 359.884



96, 5.794, 360.000



92, 3.580, 45.029



48, 3.658, 0.070



38, 70.374, 25.467



8, 28.871, 13.137

Inverse Universe

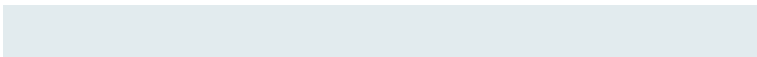
The Inverse Universe completely reimagines the original color for something new.



91, 4.592, 359.884



96, 5.794, 360.000



93, 3.482, 225.835



48, 3.658, 0.070



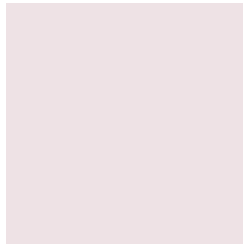
38, 70.374, 25.467



8, 28.871, 13.137

Previews

White Background



This preview shows how the CIELCh color 91, 4.594, 359.866 looks on a white background.

Color Contrast Check

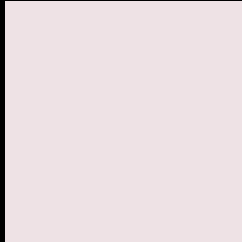
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 4.594, 359.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

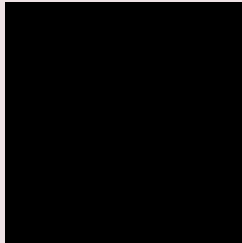
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

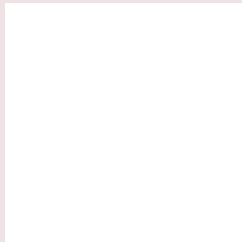
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.594, 359.866

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.594, 359.866.



This preview shows how white text looks on a background with the CIELCh color 91, 4.594, 359.866.

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](#).

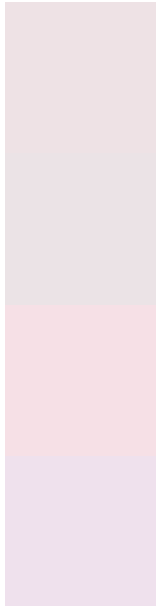
Dichromacy





Tritanopia
91, 10.962, 321.734

Trichromacy



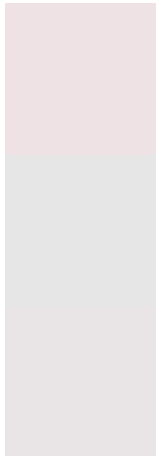
Original Color
91, 4.594, 359.866

Protanomaly
91, 3.274, 351.129

Deuteranomaly
91, 8.533, 358.670

Tritanomaly
91, 8.005, 328.918

Monochromacy



Original Color
91, 4.594, 359.866

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.528, 359.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.594, 359.866 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(238, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 229)  
}
```

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(238, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.594, 359.866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

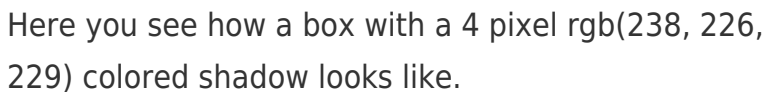
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 226, 229) }
```

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

```
.border{ border-color:rgb(238, 226, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 226, 229); box-shadow:4px 4px 4px 4px rgb(238, 226, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.594, 359.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 229) }
```

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

```
.background{ background-color: rgb(238,  
226, 229) }
```

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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