

Converting Colors

CIELCh(91, 4.479, 347.685)

Have a look what the booklet for
CIELCh(91, 4.479, 347.685) contains.

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Color

CIELCh(91, 4.154, 349.670)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3E7
RGB	237, 227, 231
RGB Percent	93%, 89%, 91%
CMY	0.0717, 0.1109, 0.0953
CMYK	0.00, 0.04, 0.03, 0.07
HSL	336°, 21%, 91%
HSV	336°, 4%, 93%
XYZ	76.5966, 78.4833, 86.4943
YIQ	230.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

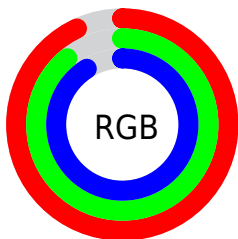
Format	Color
R _Y B	237, 227, 231
Decimal	15590375
CIE Lab	91.00, 4.09, -0.74
CIE LCh	91, 4.154, 349.670
Yxy	78.4833, 0.3171, 0.3249
Android (android.graphics.Color)	4293780455 (0xFFE3E7)
YUV	230.4460, 0.2731, 5.7479
Hunter-Lab	88.5908, -0.7008, 4.1267

Details

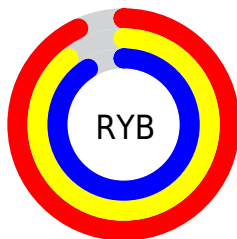
The CIELCh color **91, 4.154, 349.670** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.106, 169.179**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.783, 354.029** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.201, 350.733**, and if you desaturate by 10%, it is **97, 5.561, 169.038**.

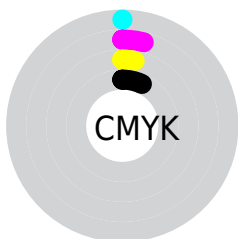
Distribution



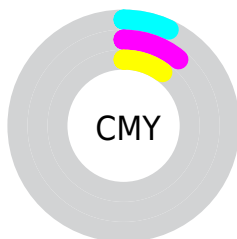
- Red (93%)
- Green (89%)
- Blue (91%)



- Red (93%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.154, 349.670 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, 4.154, 349.670 by changing the saturation by 10% instead.

91, 4.154, 349.670

91, 4.154, 349.670

100, 4.154,
349.670

81, 4.154, 349.670

71, 4.154, 349.670

61, 4.154, 349.670

51, 4.154, 349.670

41, 4.154, 349.670

31, 4.154, 349.670

21, 4.154, 349.670

11, 4.154, 349.670

1, 4.154, 349.670

91, 4.154, 349.670

91, 4.154, 349.670

85, 14.201,
350.733

97, 5.561, 169.038

99, 6.277, 199.113

79, 24.500,
351.843

73, 34.891,
353.117

68, 45.115,
354.618

63, 54.794,
356.434

58, 63.441,
358.682

55, 70.541, 1.519

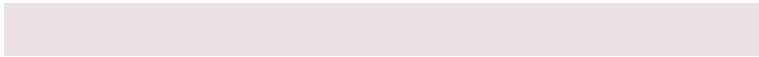
52, 75.713, 5.128

■ 51, 78.950, 9.661

Harmonies

Complementary

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



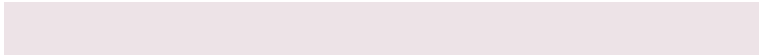
91, 4.154, 349.670



93, 4.106, 169.179

Rectangle

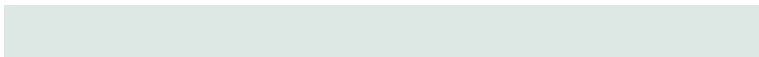
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



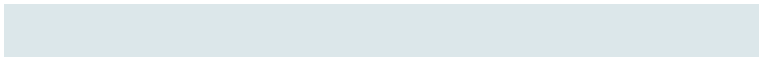
91, 4.154, 349.670



91, 4.154, 39.670



91, 4.154, 169.670



91, 4.154, 219.670

Sweetspot

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



91, 4.152, 349.684



99, 1.044, 349.010



91, 5.632, 312.628



53, 0.594, 348.980



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

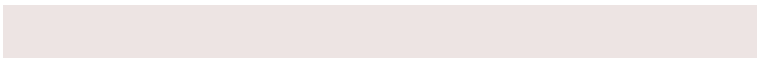
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 4.152, 349.684



97, 5.228, 349.776



91, 3.272, 28.514



47, 3.335, 349.848



38, 65.572, 11.609



7, 27.959, 2.878

Inverse Universe

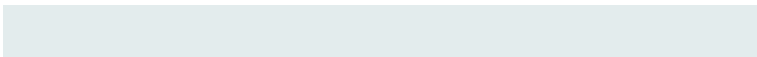
The Inverse Universe completely reimagines the original color for something new.



91, 4.152, 349.684



97, 5.228, 349.776



93, 3.186, 208.721



47, 3.335, 349.848



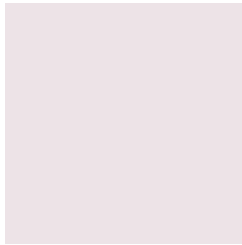
38, 65.572, 11.609



7, 27.959, 2.878

Previews

White Background



This preview shows how the CIE LCh color 91, 4.154, 349.670 looks on a white background.

Color Contrast Check

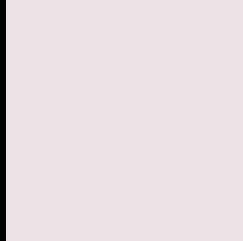
Large Text (above 18pt) WCAG AA × Fail

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, 4.154, 349.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

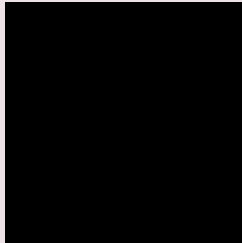
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

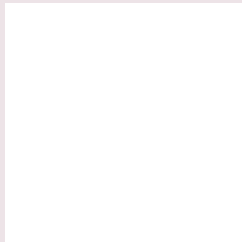
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.154, 349.670

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.154, 349.670.

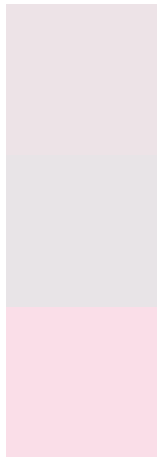


This preview shows how white text looks on a background with the CIELCh color 91, 4.154, 349.670.

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, 4.154, 349.670

Protanopia

91, 2.129, 332.282

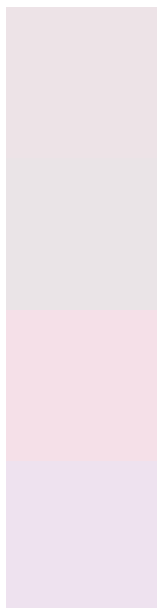
Deuteranopia

91, 11.356, 353.143



Tritanopia
91, 10.446, 316.725

Trichromacy



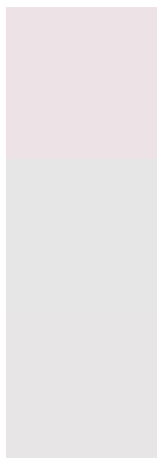
Original Color
91, 4.154, 349.670

Protanomaly
91, 2.665, 343.689

Deuteranomaly
91, 8.628, 351.332

Tritanomaly
91, 8.007, 322.597

Monochromacy



Original Color
91, 4.154, 349.670

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.199, 353.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.154, 349.670 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(237, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 231)  
}
```

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(237, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.154, 349.670 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(237, 227, 231) }
```

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

```
.border{ border-color:rgb(237, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.154, 349.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 231) }
```

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

```
.background{ background-color: rgb(237,  
227, 231) }
```

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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