

Converting Colors

CIELCh(91, 4.535, 343.904)

Have a look what the booklet for
CIELCh(91, 4.535, 343.904) contains.

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Color

CIELCh(91, 4.436, 343.894)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3E8
RGB	237, 227, 232
RGB Percent	93%, 89%, 91%
CMY	0.0720, 0.1112, 0.0916
CMYK	0.00, 0.04, 0.02, 0.07
HSL	330°, 21%, 91%
HSV	330°, 4%, 93%
XYZ	76.6832, 78.4833, 87.1765
YIQ	230.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

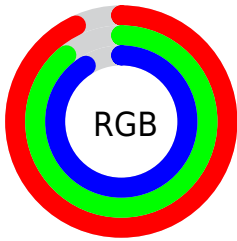
Format	Color
RYB	237, 227, 232
Decimal	15590376
CIELab	91.00, 4.26, -1.23
CIELCh	91, 4.436, 343.894
Yxy	78.4833, 0.3164, 0.3239
Android (android.graphics.Color)	4293780456 (0xFFEDE3E8)
YUV	230.5600, 0.7099, 5.6479
Hunter-Lab	88.5908, -0.5264, 3.6701

Details

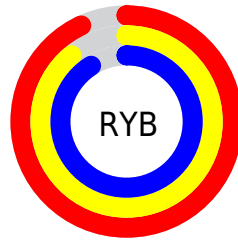
The CIELCh color $91, 4.436, 343.894$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93, 4.397, 163.419$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 4.049, 347.082$ is the 20% darker color. If you saturate the color by 10%, you get $85, 15.107, 344.856$, and if you desaturate by 10%, it is $97, 5.955, 163.289$.

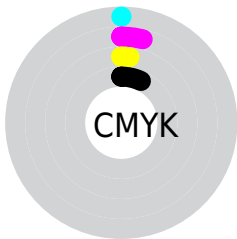
Distribution



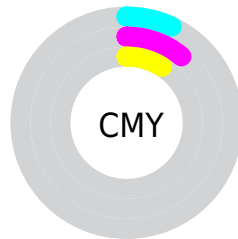
- Red (93%)
- Green (89%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.436, 343.894 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, 4.436, 343.894 by changing the saturation by 10% instead.

91, 4.436, 343.894

91, 4.436, 343.894

100, 4.436,
343.894

81, 4.436, 343.894

71, 4.436, 343.894

61, 4.436, 343.894

51, 4.436, 343.894

41, 4.436, 343.894

31, 4.436, 343.894

21, 4.436, 343.894

11, 4.436, 343.894

1, 4.436, 343.894

91, 4.436, 343.894

91, 4.436, 343.894

85, 15.107,
344.856

97, 5.955, 163.289

99, 6.302, 199.111

79, 25.960,
345.849

73, 36.804,
346.962

68, 47.352,
348.243

63, 57.189,
349.754

59, 65.791,
351.583

56, 72.593,
353.854

53, 77.156,
356.725

Harmonies

Complementary

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



91, 4.436, 343.894



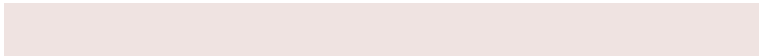
93, 4.397, 163.419

Rectangle

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



91, 4.436, 343.894



91, 4.436, 33.894



91, 4.436, 163.894



91, 4.436, 213.894

Sweetspot

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



91, 4.434, 343.904



99, 1.116, 343.307



91, 5.506, 309.230



53, 0.635, 343.280



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, 4.434, 343.904



97, 5.582, 343.988



91, 3.597, 19.488



47, 3.559, 344.053



39, 65.538, 1.949



8, 28.606, 355.226

Inverse Universe

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



91, 4.434, 343.904



97, 5.582, 343.988



93, 3.502, 199.349



47, 3.559, 344.053



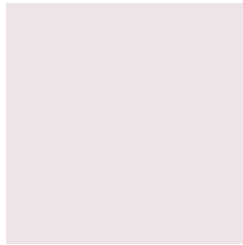
39, 65.538, 1.949



8, 28.606, 355.226

Previews

White Background



This preview shows how the CIELCh color 91, 4.436, 343.894 looks on a white background.

Color Contrast Check

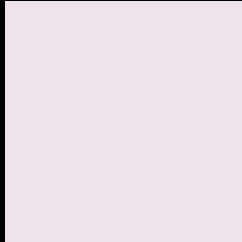
Large Text (above 18pt) WCAG AA × Fail

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, 4.436, 343.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

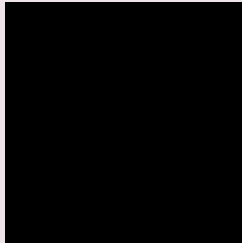
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

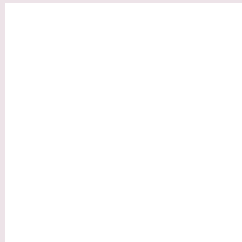
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.436, 343.894

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.436, 343.894.

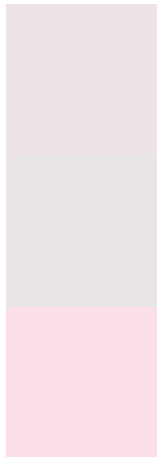


This preview shows how white text looks on a background with the CIELCh color 91, 4.436, 343.894.

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, 4.436, 343.894

Protanopia

91, 2.536, 324.423

Deuteranopia

91, 11.590, 350.854



Tritanopia
91, 10.446, 316.725

Trichromacy



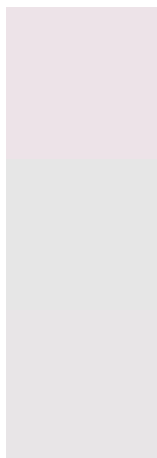
Original Color
91, 4.436, 343.894

Protanomaly
91, 3.000, 335.714

Deuteranomaly
91, 8.882, 348.398

Tritanomaly
91, 8.007, 322.597

Monochromacy



Original Color
91, 4.436, 343.894

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.505, 335.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.436, 343.894 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.436, 343.894 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, 232) }
```

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

```
.border{ border-color:rgb(237, 227, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.436, 343.894 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, 232) }
```

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

```
.background{ background-color: rgb(237,  
227, 232) }
```

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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