

Converting Colors

CIELCh(91, 3.916, 318.561)

Have a look what the booklet for
CIELCh(91, 3.916, 318.561) contains.

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Color

CIELCh(91, 3.606, 319.847)

Conversions

Conversions Part 1

Format	Color
Hex	E9E4EA
RGB	233, 228, 234
RGB Percent	91%, 89%, 92%
CMY	0.0876, 0.1072, 0.0837
CMYK	0.00, 0.03, 0.00, 0.08
HSL	290°, 12%, 90%
HSV	290°, 3%, 92%
XYZ	75.9414, 78.4833, 88.7272
YIQ	230.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

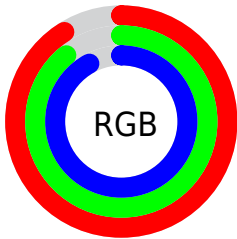
Format	Color
R _Y B	233, 228, 234
Decimal	15328490
CIE Lab	91.00, 2.76, -2.33
CIE LCh	91, 3.606, 319.847
Yxy	78.4833, 0.3123, 0.3228
Android (android.graphics.Color)	4293518570 (0xFFE9E4EA)
YUV	230.1790, 1.8838, 2.4740
Hunter-Lab	88.5908, -2.0210, 2.6323

Details

The CIELCh color **91, 3.606, 319.847** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 3.580, 139.746**, 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, 3.132, 318.872** is the 20% darker color. If you saturate the color by 10%, you get **85, 17.778, 320.355**, and if you desaturate by 10%, it is **97, 10.285, 139.492**.

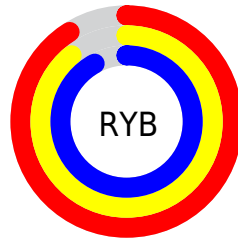
Distribution



Red (91%)

Green (89%)

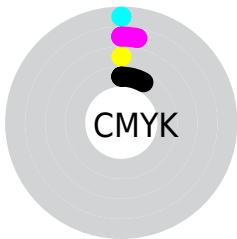
Blue (92%)



Red (91%)

Yellow (89%)

Blue (92%)

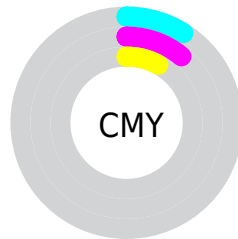


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.606, 319.847 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, 3.606, 319.847 by changing the saturation by 10% instead.

■ 91, 3.606, 319.847

■ 91, 3.606, 319.847

■ 100, 3.606,
319.847

■ 81, 3.606, 319.847

■ 71, 3.606, 319.847

■ 61, 3.606, 319.847

■ 51, 3.606, 319.847

■ 41, 3.606, 319.847

■ 31, 3.606, 319.847

■ 21, 3.606, 319.847

■ 11, 3.606, 319.847

■ 1, 3.606, 319.847

91, 3.606, 319.847

91, 3.606, 319.847

85, 17.778,
320.355

97, 10.285,
139.492

79, 32.121,
320.822

98, 12.061,
134.810

73, 46.441,
321.273

99, 11.510,
128.676

68, 60.443,
321.690

99, 11.105,
121.959

63, 73.712,
322.045

99, 10.866,
114.789

58, 85.698,
322.304

99, 10.804,
109.360

55, 95.763,
322.426

52, 103.295,
322.371

■ 50,107.917,
322.108

Harmonies

Complementary

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



91, 3.606, 319.847



92, 3.580, 139.746

Rectangle

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



91, 3.606, 319.847



91, 3.606, 9.847



91, 3.606, 139.847



91, 3.606, 189.847

Sweetspot

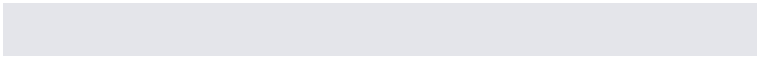
The Sweet Spot groups the original color and five complimentary colors.



91, 3.604, 319.844



99, 1.512, 319.669



91, 2.570, 281.738



53, 0.860, 319.657



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, 3.604, 319.844



98, 4.524, 319.874



91, 3.034, 335.017



48, 3.204, 319.921



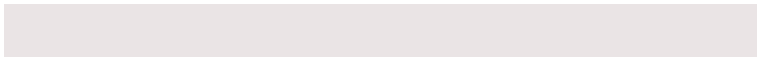
38, 90.646, 321.895



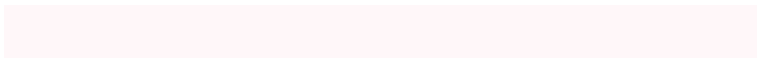
7, 38.612, 322.746

Inverse Universe

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



91, 2.215, 5.777



98, 2.783, 5.857



92, 3.014, 154.919



48, 1.974, 5.972



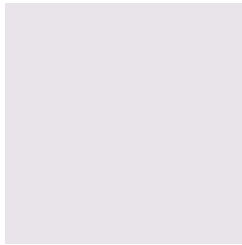
38, 73.399, 31.752



7, 27.974, 15.845

Previews

White Background



This preview shows how the CIELCh color 91, 3.606, 319.847 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, 3.606, 319.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

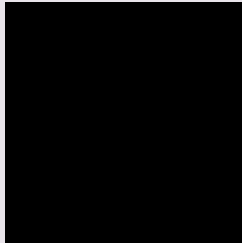
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

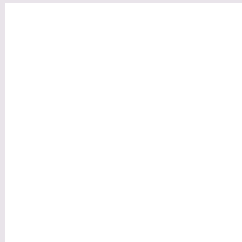
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.606, 319.847

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.606, 319.847.

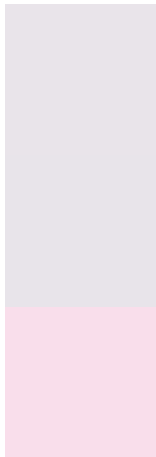


This preview shows how white text looks on a background with the CIELCh color 91, 3.606, 319.847.

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

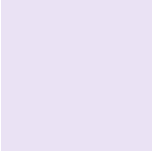
91, 3.606, 319.847

Protanopia

91, 3.442, 314.719

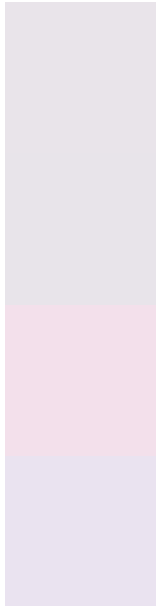
Deuteranopia

91, 11.814, 345.557



Tritanopia
91, 9.792, 307.443

Trichromacy



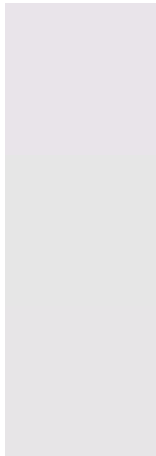
Original Color
91, 3.606, 319.847

Protanomaly
91, 3.442, 314.719

Deuteranomaly
91, 8.895, 340.186

Tritanomaly
91, 7.213, 310.612

Monochromacy



Original Color
91, 3.606, 319.847

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.273, 324.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.606, 319.847 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(233, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 234)  
}
```

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(233, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.606, 319.847 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(233, 228, 234) }
```

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

```
.border{ border-color:rgb(233, 228, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 228, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.606, 319.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 234) }
```

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

```
.background{ background-color: rgb(233,  
228, 234) }
```

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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