

Converting Colors

CIELCh(91, 8.912, 316.333)

Have a look what the booklet for
CIELCh(91, 8.912, 316.333) contains.

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Color

CIELCh(91, 8.735, 317.018)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2F1
RGB	237, 226, 241
RGB Percent	93%, 89%, 95%
CMY	0.0719, 0.1150, 0.0562
CMYK	0.02, 0.06, 0.00, 0.06
HSL	284°, 34%, 91%
HSV	284°, 6%, 94%
XYZ	77.7399, 78.4833, 94.0007
YIQ	230.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

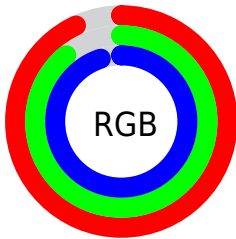
Format	Color
R_{YB}	237, 226, 241
Decimal	15590129
CIE _{Lab}	91.00, 6.39, -5.96
CIE _{LCh}	91, 8.735, 317.018
Yxy	78.4833, 0.3107, 0.3137
Android (android.graphics.Color)	4293780209 (0xFFE2E2F1)
YUV	230.9990, 4.9305, 5.2629
Hunter-Lab	88.5908, 1.6028, -0.8970

Details

The CIELCh color **91, 8.735, 317.018** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.679, 136.533**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.534, 316.477** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.968, 317.466**, and if you desaturate by 10%, it is **97, 5.205, 136.666**.

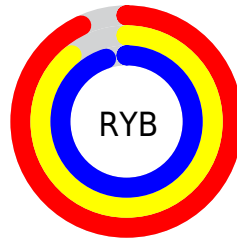
Distribution



Red (93%)

Green (89%)

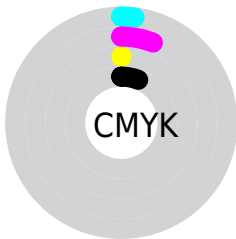
Blue (95%)



Red (93%)

Yellow (89%)

Blue (95%)

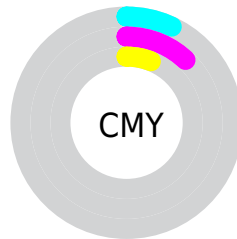


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.735, 317.018 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, 8.735, 317.018 by changing the saturation by 10% instead.

91, 8.735, 317.018

91, 8.735, 317.018

100, 8.735,
317.018

81, 8.735, 317.018

71, 8.735, 317.018

61, 8.735, 317.018

51, 8.735, 317.018

41, 8.735, 317.018

31, 8.735, 317.018

21, 8.735, 317.018

11, 8.735, 317.018

1, 8.735, 317.018

91, 8.735, 317.018

91, 8.735, 317.018

85, 22.968,
317.466

97, 5.205, 136.666

78, 37.392,
317.911

99, 7.545, 124.639

72, 51.817,
318.341

100, 7.260,
109.624

67, 65.948,
318.733

61, 79.348,
319.050

56, 91.424,
319.246

52, 101.461,
319.261

49, 108.769,
319.037

■ 47,112.957,
318.528

Harmonies

Complementary

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



91, 8.735, 317.018



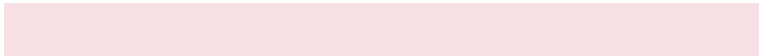
94, 8.679, 136.533

Rectangle

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



91, 8.735, 317.018



91, 8.735, 7.018



91, 8.735, 137.018



91, 8.735, 187.018

Sweetspot

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



91, 8.732, 317.016



99, 2.931, 316.784



91, 5.739, 275.736



53, 1.667, 316.776



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, 8.732, 317.016



95, 10.292, 317.053



91, 8.125, 331.466



47, 6.360, 317.078



35, 93.005, 318.440



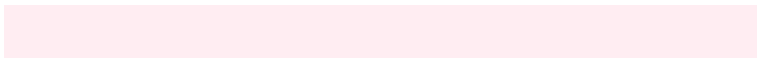
7, 40.098, 319.559

Inverse Universe

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



91, 5.788, 358.797



95, 6.828, 358.886



94, 8.097, 150.758



47, 4.222, 358.948



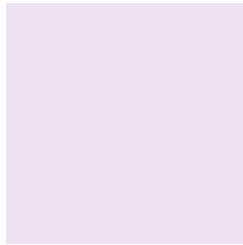
38, 69.693, 24.023



8, 28.835, 12.222

Previews

White Background



This preview shows how the CIELCh color 91, 8.735, 317.018 looks on a white background.

Color Contrast Check

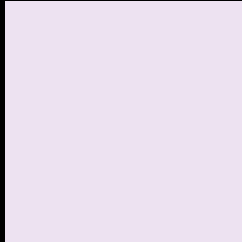
Large Text (above 18pt) WCAG AA × Fail

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, 8.735, 317.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

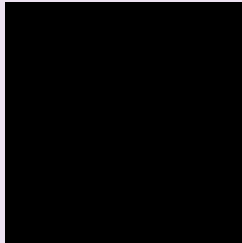
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

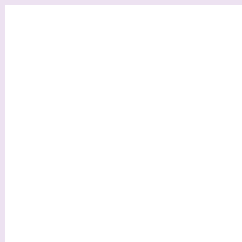
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.735, 317.018

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.735, 317.018.

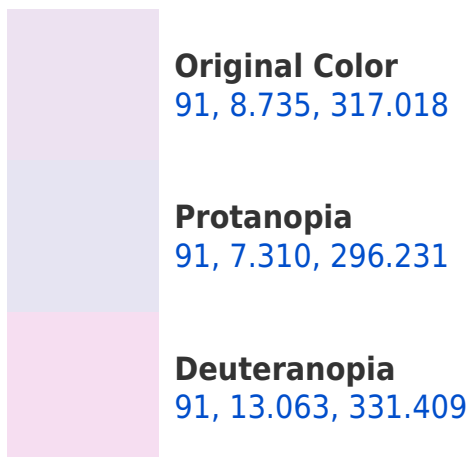


This preview shows how white text looks on a background with the CIELCh color 91, 8.735, 317.018.

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, 10.296, 314.958

Trichromacy



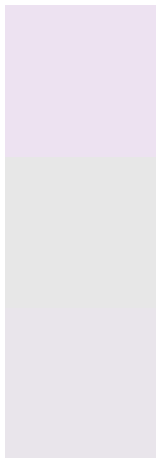
Original Color
91, 8.735, 317.018

Protanomaly
91, 8.006, 303.383

Deuteranomaly
91, 11.764, 327.722

Tritanomaly
91, 9.827, 316.193

Monochromacy



Original Color
91, 8.735, 317.018

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.440, 314.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.735, 317.018 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, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 241)  
}
```

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, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.735, 317.018 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, 226, 241) }
```

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

```
.border{ border-color:rgb(237, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.735, 317.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 241) }
```

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

```
.background{ background-color: rgb(237,  
226, 241) }
```

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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