

Converting Colors

CIELCh(91, 8.450, 312.724)

Have a look what the booklet for
CIELCh(91, 8.450, 312.724) contains.

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Color

CIELCh(91, 8.443, 312.723)

Conversions

Conversions Part 1

Format	Color
Hex	EBE2F1
RGB	235, 226, 241
RGB Percent	92%, 89%, 95%
CMY	0.0780, 0.1133, 0.0545
CMYK	0.02, 0.06, 0.00, 0.05
HSL	276°, 35%, 92%
HSV	276°, 6%, 95%
XYZ	77.4102, 78.4833, 94.3674
YIQ	230.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

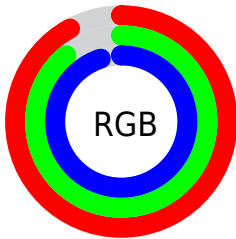
Format	Color
R_{YB}	235, 226, 241
Decimal	15459057
CIE _{Lab}	91.00, 5.73, -6.20
CIE _{LCh}	91, 8.443, 312.723
Yxy	78.4833, 0.3093, 0.3136
Android (android.graphics.Color)	4293649137 (0xFFEBE2F1)
YUV	230.4010, 5.2253, 4.0333
Hunter-Lab	88.5908, 0.9384, -1.1425

Details

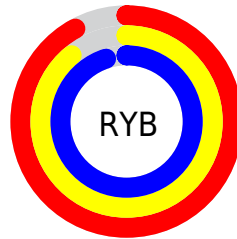
The CIELCh color `91, 8.443, 312.723` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 8.369, 132.241`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 8.238, 311.823` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.277, 313.173`, and if you desaturate by 10%, it is `98, 5.040, 132.365`.

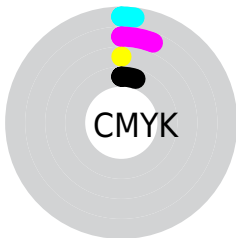
Distribution



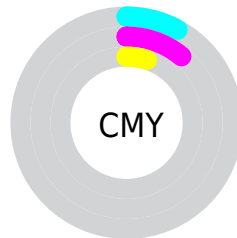
- Red (92%)
- Green (89%)
- Blue (95%)



- Red (92%)
- Yellow (89%)
- Blue (95%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.443, 312.723 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, 8.443, 312.723 by changing the saturation by 10% instead.

91, 8.443, 312.723

91, 8.443, 312.723

100, 8.443,
312.723

81, 8.443, 312.723

71, 8.443, 312.723

61, 8.443, 312.723

51, 8.443, 312.723

41, 8.443, 312.723

31, 8.443, 312.723

21, 8.443, 312.723

11, 8.443, 312.723

1, 8.443, 312.723

91, 8.443, 312.723

91, 8.443, 312.723

84, 22.277,
313.173

98, 5.040, 132.365

78, 36.400,
313.638

100, 7.040,
111.395

71, 50.678,
314.107

100, 7.034,
109.641

65, 64.883,
314.556

59, 78.645,
314.945

54, 91.401,
315.215

49, 102.393,
315.290

45, 110.764,
315.077

■ 43,115.871,
314.498

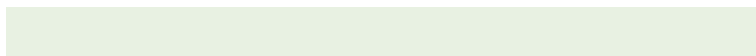
Harmonies

Complementary

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



91, 8.443, 312.723



94, 8.369, 132.241

Rectangle

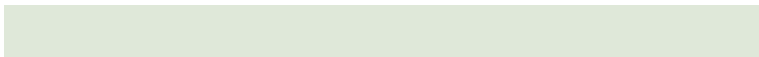
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 8.443, 312.723



91, 8.443, 2.723



91, 8.443, 132.723



91, 8.443, 182.723

Sweetspot

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



91, 8.441, 312.720



99, 2.831, 312.500



92, 4.989, 264.757



53, 1.610, 312.493



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, 8.441, 312.720



95, 9.949, 312.756



91, 8.927, 327.094



47, 6.149, 312.782



31, 95.436, 314.411



6, 39.957, 315.276

Inverse Universe

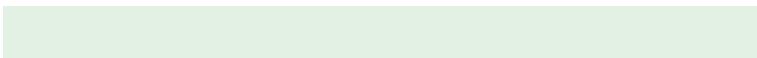
The Inverse Universe completely reimagines the original color for something new.



91, 6.228, 349.888



95, 7.344, 349.972



94, 8.905, 146.438



48, 4.540, 350.029



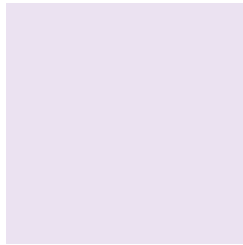
39, 66.260, 11.636



8, 28.841, 3.453

Previews

White Background



This preview shows how the CIELCh color 91, 8.443, 312.723 looks on a white background.

Color Contrast Check

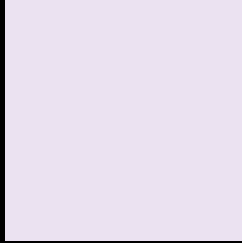
Large Text (above 18pt) WCAG AA × Fail

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, 8.443, 312.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

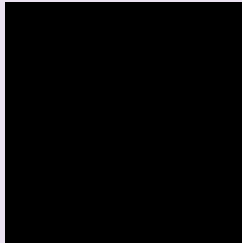
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

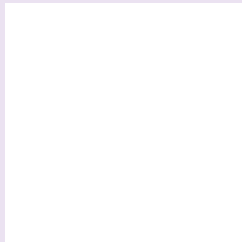
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.443, 312.723

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.443, 312.723.



This preview shows how white text looks on a background with the CIELCh color 91, 8.443, 312.723.

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, 9.900, 309.384

Trichromacy



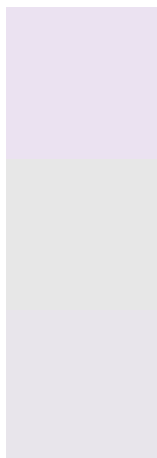
Original Color
91, 8.443, 312.723

Protanomaly
91, 7.934, 300.922

Deuteranomaly
91, 11.976, 324.850

Tritanomaly
91, 9.410, 310.378

Monochromacy



Original Color
91, 8.443, 312.723

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.306, 309.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.443, 312.723 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(235, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.443, 312.723 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(235, 226, 241) }
```

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

```
.border{ border-color:rgb(235, 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(235, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 226,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.443, 312.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 241) }
```

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

```
.background{ background-color: rgb(235,  
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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