

Converting Colors

CIE LCh(91, 7.256, 323.269)

Have a look what the booklet for
CIELCh(91, 7.256, 323.269) contains.

CIELCh(91, 7.380, 322.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 7.380, 322.394)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2EE
RGB	237, 226, 238
RGB Percent	93%, 89%, 93%
CMY	0.0710, 0.1141, 0.0671
CMYK	0.00, 0.05, 0.00, 0.07
HSL	295°, 26%, 91%
HSV	295°, 5%, 93%
XYZ	77.4691, 78.4833, 91.8672
YIQ	230.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

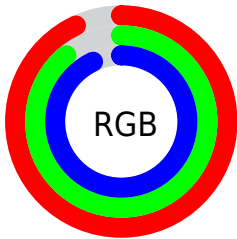
Format	Color
RYB	237, 226, 238
Decimal	15590126
CIELab	91.00, 5.85, -4.50
CIELCh	91, 7.380, 322.394
Yxy	78.4833, 0.3126, 0.3167
Android (android.graphics.Color)	4293780206 (0xFFEDE2EE)
YUV	230.6570, 3.6201, 5.5628
Hunter-Lab	88.5908, 1.0571, 0.5308

Details

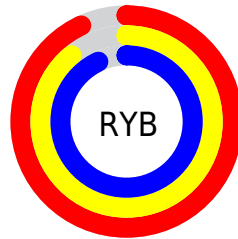
The CIELCh color **91, 7.380, 322.394** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.352, 141.958**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 7.102, 322.231** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.152, 322.917**, and if you desaturate by 10%, it is **97, 7.161, 141.977**.

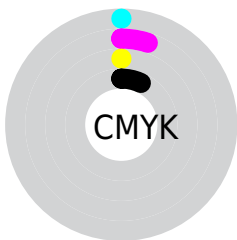
Distribution



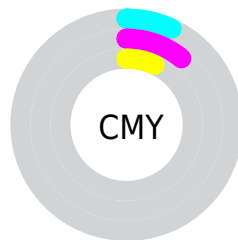
- Red (93%)
- Green (89%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.380, 322.394 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, 7.380, 322.394 by changing the saturation by 10% instead.

91, 7.380, 322.394

91, 7.380, 322.394

100, 7.380,
322.394

81, 7.380, 322.394

71, 7.380, 322.394

61, 7.380, 322.394

51, 7.380, 322.394

41, 7.380, 322.394

31, 7.380, 322.394

21, 7.380, 322.394

11, 7.380, 322.394

1, 7.380, 322.394

91, 7.380, 322.394

91, 7.380, 322.394

85, 22.152,
322.917

97, 7.161, 141.977

79, 36.996,
323.417

99, 10.079,
139.312

74, 51.650,
323.895

99, 9.739, 135.807

69, 65.747,
324.333

99, 9.438, 132.048

64, 78.793,
324.706

99, 8.971, 123.810

60, 90.196,
324.987

99, 8.812, 119.385

57, 99.343,
325.150

100, 8.664,
110.142

55, 105.747,
325.171

■ 53,109.255,
325.041

Harmonies

Complementary

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



91, 7.380, 322.394



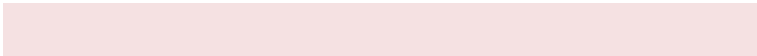
93, 7.352, 141.958

Rectangle

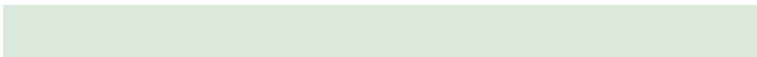
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 7.380, 322.394



91, 7.380, 12.394



91, 7.380, 142.394



91, 7.380, 192.394

Sweetspot

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



91, 7.377, 322.393



99, 3.094, 322.187



90, 5.619, 286.368



53, 1.759, 322.177



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, 7.377, 322.393



96, 9.294, 322.448



91, 5.707, 338.936



48, 5.862, 322.481



41, 90.767, 324.989



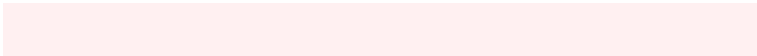
9, 39.585, 325.432

Inverse Universe

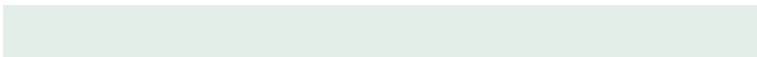
The Inverse Universe completely reimagines the original color for something new.



91, 4.355, 12.761



96, 5.502, 12.865



93, 5.671, 158.326



48, 3.476, 12.927



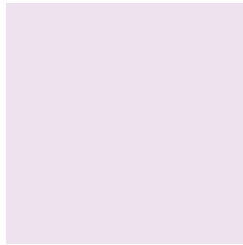
38, 78.216, 36.636



8, 29.421, 20.437

Previews

White Background



This preview shows how the CIELCh color 91, 7.380, 322.394 looks on a white background.

Color Contrast Check

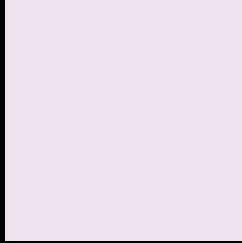
Large Text (above 18pt) WCAG AA × Fail

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, 7.380, 322.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

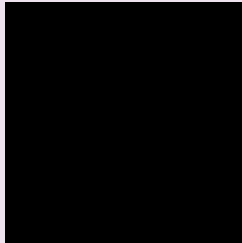
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

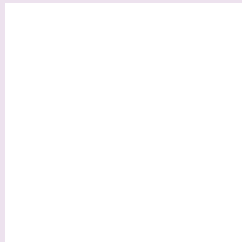
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.380, 322.394

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.380, 322.394.



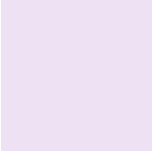
This preview shows how white text looks on a background with the CIELCh color 91, 7.380, 322.394.

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](#).

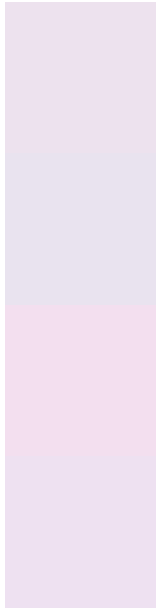
Dichromacy





Tritanopia
91, 10.446, 316.725

Trichromacy



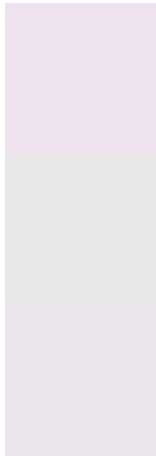
Original Color
91, 7.380, 322.394

Protanomaly
91, 6.605, 309.269

Deuteranomaly
91, 10.964, 331.010

Tritanomaly
91, 9.529, 319.455

Monochromacy



Original Color
91, 7.380, 322.394

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.976, 318.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.380, 322.394 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.380, 322.394 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, 238) }
```

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

```
.border{ border-color:rgb(237, 226, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.380, 322.394 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, 238) }
```

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

```
.background{ background-color: rgb(237,  
226, 238) }
```

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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