

Converting Colors

CIELCh(91, 10.225, 320.793)

Have a look what the booklet for
CIELCh(91, 10.225, 320.793)
contains.

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Color

CIELCh(91, 10.152, 319.803)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1F2
RGB	239, 225, 242
RGB Percent	94%, 88%, 95%
CMY	0.0634, 0.1183, 0.0516
CMYK	0.01, 0.07, 0.00, 0.05
HSL	289°, 39%, 92%
HSV	289°, 7%, 95%
XYZ	78.4223, 78.4833, 94.8875
YIQ	231.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

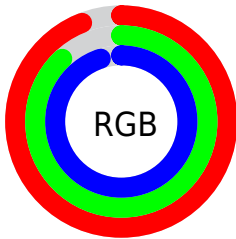
Format	Color
R_{YB}	239, 225, 242
Decimal	15720946
CIE _{Lab}	91.00, 7.75, -6.55
CIE _{LCh}	91, 10.152, 319.803
Yxy	78.4833, 0.3115, 0.3117
Android (android.graphics.Color)	4293911026 (0xFFEFE1F2)
YUV	231.1240, 5.3619, 6.9073
Hunter-Lab	88.5908, 2.9777, -1.4906

Details

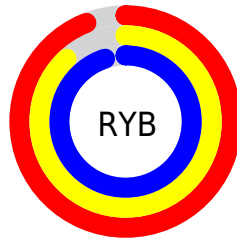
The CIELCh color **91, 10.152, 319.803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 10.103, 139.205**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 10.019, 319.543** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.785, 320.274**, and if you desaturate by 10%, it is **97, 4.234, 139.438**.

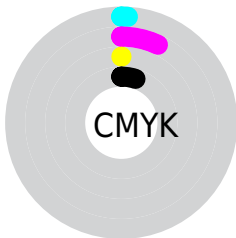
Distribution



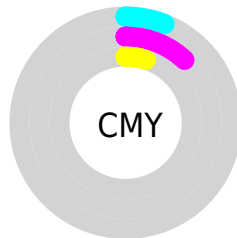
- Red (94%)
- Green (88%)
- Blue (95%)



- Red (94%)
- Yellow (88%)
- Blue (95%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (6%)
- Magenta (12%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 10.152, 319.803 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, 10.152, 319.803 by changing the saturation by 10% instead.


 91, 10.152,
319.803


 91, 10.152,
319.803


 100, 10.152,
319.803


 81, 10.152,
319.803


 71, 10.152,
319.803

 61, 10.152,
319.803

 51, 10.152,
319.803

 41, 10.152,
319.803

 31, 10.152,
319.803

 21, 10.152,

319.803

■ 11, 10.152,
319.803

■ 1, 10.152, 319.803

■ 91, 10.152,
319.803

■ 91, 10.152,
319.803

■ 85, 24.785,
320.274

■ 97, 4.234, 139.438

■ 79, 39.524,
320.734

■ 99, 7.227, 131.600

■ 99, 6.786, 119.795

■ 73, 54.130,
321.171

■ 100, 6.664,
109.668

■ 68, 68.249,
321.562

■ 63, 81.392,
321.875

■ 58, 92.941,
322.072

■ 55, 102.222,
322.110

■ 52, 108.673,
321.949

■ 51, 112.111,
321.567

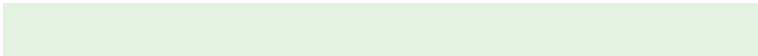
Harmonies

Complementary

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



91, 10.152, 319.803



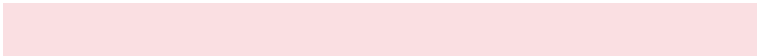
94, 10.103, 139.205

Rectangle

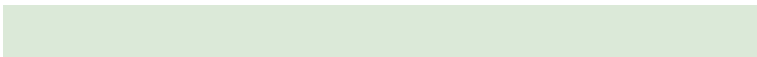
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 10.152, 319.803



91, 10.152, 9.803



91, 10.152, 139.803



91, 10.152, 189.803

Sweetspot

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



91, 10.149, 319.802



99, 3.008, 319.514



91, 7.267, 282.229



53, 1.710, 319.505



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, 10.149, 319.802



95, 12.073, 319.850



91, 8.570, 335.409



47, 8.165, 319.920



38, 91.713, 321.540



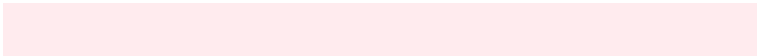
8, 39.907, 322.425

Inverse Universe

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



91, 6.334, 5.606



95, 7.549, 5.714



94, 8.527, 154.517



47, 5.120, 5.870



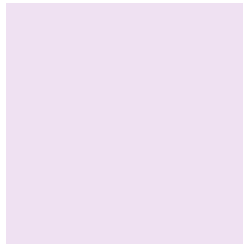
38, 73.728, 31.135



8, 29.073, 16.578

Previews

White Background



This preview shows how the CIELCh color 91, 10.152, 319.803 looks on a white background.

Color Contrast Check

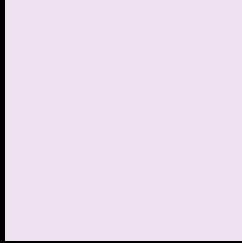
Large Text (above 18pt) WCAG AA × Fail

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, 10.152, 319.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

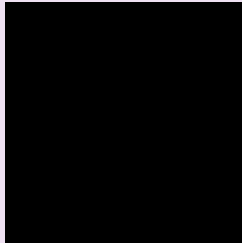
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

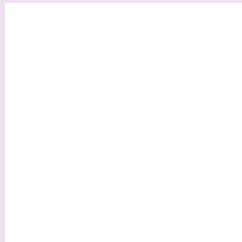
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 10.152, 319.803

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.152, 319.803.



This preview shows how white text looks on a background with the CIELCh color 91, 10.152, 319.803.

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, 10.152, 319.803

Protanopia

91, 8.316, 293.237

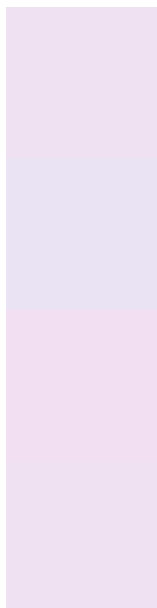
Deuteranopia

91, 13.233, 328.746



Tritanopia
91, 10.152, 319.803

Trichromacy



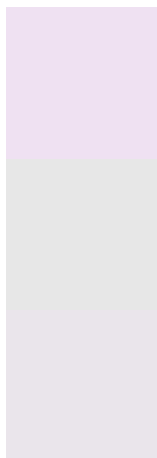
Original Color
91, 10.152, 319.803

Protanomaly
91, 8.594, 304.920

Deuteranomaly
91, 12.178, 326.247

Tritanomaly
91, 10.152, 319.803

Monochromacy



Original Color
91, 10.152, 319.803

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.603, 319.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 10.152, 319.803 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(239, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 242)  
}
```

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(239, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.152, 319.803 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(239, 225, 242) }
```

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

```
.border{ border-color:rgb(239, 225, 242) }
```

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

Here you see how a box with a 4 pixel rgb(239, 225, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.152, 319.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 242) }
```

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

```
.background{ background-color: rgb(239,  
225, 242) }
```

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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