

Converting Colors

CIELCh(91, 9.862, 303.176)

Have a look what the booklet for
CIELCh(91, 9.862, 303.176) contains.

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Color

CIELCh(91, 10.198, 304.748)

Conversions

Conversions Part 1

Format	Color
Hex	E9E2F5
RGB	233, 226, 245
RGB Percent	91%, 89%, 96%
CMY	0.0854, 0.1128, 0.0383
CMYK	0.05, 0.08, 0.00, 0.04
HSL	262°, 49%, 92%
HSV	262°, 8%, 96%
XYZ	77.4521, 78.4833, 97.6362
YIQ	230.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

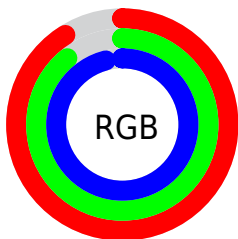
Format	Color
R_{YB}	233, 226, 245
Decimal	15327989
CIE _{Lab}	91.00, 5.81, -8.38
CIE _{LCh}	91, 10.198, 304.748
Yxy	78.4833, 0.3054, 0.3095
Android (android.graphics.Color)	4293518069 (0xFFE9E2F5)
YUV	230.2590, 7.2673, 2.4039
Hunter-Lab	88.5908, 1.0229, -3.3301

Details

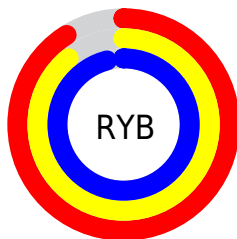
The CIELCh color `91, 10.198, 304.748` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `96, 10.046, 123.952`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 10.116, 303.573` is the 20% darker color. If you saturate the color by 10%, you get `84, 23.741, 305.338`, and if you desaturate by 10%, it is `98, 2.898, 124.260`.

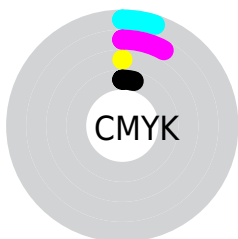
Distribution



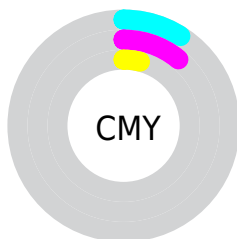
- Red (91%)
- Green (89%)
- Blue (96%)



- Red (91%)
- Yellow (89%)
- Blue (96%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)





- Cyan (9%)
- Magenta (11%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 10.198, 304.748 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, 10.198, 304.748 by changing the saturation by 10% instead.


 91, 10.198,
304.748


 91, 10.198,
304.748


 100, 10.198,
304.748


 81, 10.198,
304.748

 71, 10.198,
304.748

 61, 10.198,
304.748

 51, 10.198,
304.748

 41, 10.198,
304.748

 31, 10.198,
304.748

 21, 10.198,

304.748

■ 11, 10.198,
304.748

■ 1, 10.198, 304.748

■ 91, 10.198,
304.748

■ 91, 10.198,
304.748

■ 84, 23.741,
305.338

■ 98, 2.898, 124.260

■ 77, 37.722,
305.997

■ 100, 4.943,
109.793

■ 69, 52.080,
306.716

■ 62, 66.675,
307.474

■ 56, 81.220,
308.232

■ 49, 95.187,
308.917

■ 44, 107.701,
309.412

■ 39, 117.554,
309.564

■ 36, 123.679,
309.239

Harmonies

Complementary

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



91, 10.198, 304.748



96, 10.046, 123.952

Rectangle

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



91, 10.198, 304.748



91, 10.198, 354.748



91, 10.198, 124.748



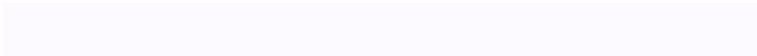
91, 10.198, 174.748

Sweetspot

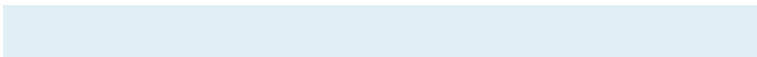
The Sweet Spot groups the original color and five complimentary colors.



91, 10.196, 304.744



99, 2.698, 304.412



94, 5.438, 240.698



53, 1.534, 304.405



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, 10.196, 304.744



93, 12.249, 304.816



92, 11.469, 321.108



47, 7.489, 304.843



26, 101.240, 309.320



4, 41.084, 308.542

Inverse Universe

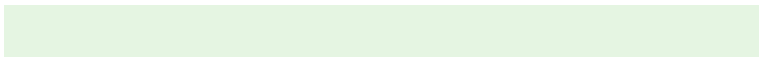
The Inverse Universe completely reimagines the original color for something new.



92, 9.217, 337.709



94, 11.063, 337.811



95, 11.424, 140.407



48, 6.761, 337.849



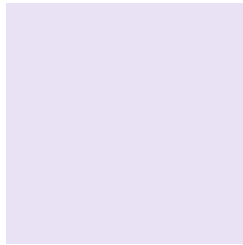
41, 70.035, 350.239



9, 32.002, 346.370

Previews

White Background



This preview shows how the CIELCh color 91, 10.198, 304.748 looks on a white background.

Color Contrast Check

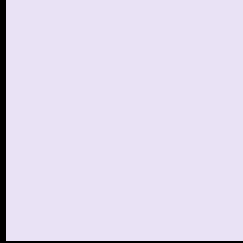
Large Text (above 18pt) WCAG AA × Fail

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, 10.198, 304.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

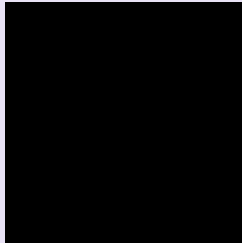
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

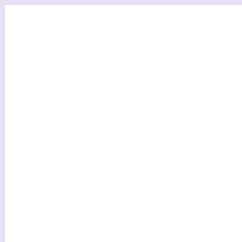
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 10.198, 304.748

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.198, 304.748.



This preview shows how white text looks on a background with the CIELCh color 91, 10.198, 304.748.

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

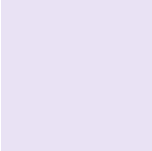
91, 10.198, 304.748

Protanopia

91, 9.341, 290.932

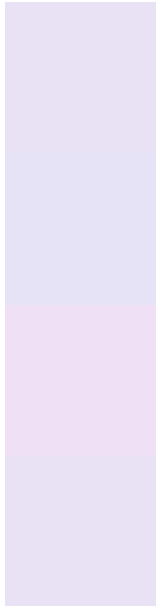
Deuteranopia

91, 14.084, 322.524



Tritanopia
91, 9.695, 305.464

Trichromacy



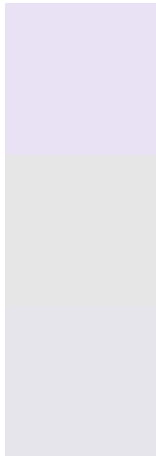
Original Color
91, 10.198, 304.748

Protanomaly
91, 9.935, 296.958

Deuteranomaly
91, 12.775, 316.953

Tritanomaly
91, 9.695, 305.464

Monochromacy



Original Color
91, 10.198, 304.748

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.713, 301.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 10.198, 304.748 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, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 245)  
}
```

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, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.198, 304.748 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, 226, 245) }
```

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

```
.border{ border-color:rgb(233, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.198, 304.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 245) }
```

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

```
.background{ background-color: rgb(233,  
226, 245) }
```

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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