

Converting Colors

CIELCh(91, 10.404, 287.709)

Have a look what the booklet for
CIELCh(91, 10.404, 287.709)
contains.

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Color

CIELCh(91, 10.389, 287.231)

Conversions

Conversions Part 1

Format	Color
Hex	E2E4F8
RGB	226, 228, 248
RGB Percent	89%, 89%, 97%
CMY	0.1135, 0.1056, 0.0272
CMYK	0.09, 0.08, 0.00, 0.03
HSL	235°, 61%, 93%
HSV	235°, 9%, 97%
XYZ	76.0993, 78.4833, 99.9990
YIQ	229.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

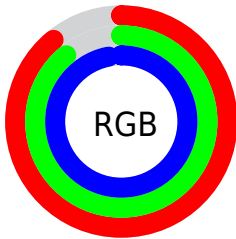
Format	Color
R _{YB}	226, 228, 248
Decimal	14869752
CIE Lab	91.00, 3.08, -9.92
CIE LCh	91, 10.389, 287.231
Yxy	78.4833, 0.2989, 0.3083
Android (android.graphics.Color)	4293059832 (0xFFE2E4F8)
YUV	229.6820, 9.0308, -3.2291
Hunter-Lab	88.5908, -1.7029, -4.9114

Details

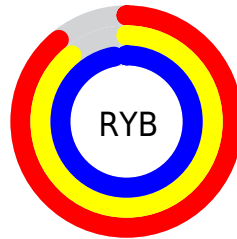
The CIELCh color `91, 10.389, 287.231` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `97, 10.210, 105.299`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 10.390, 287.255` is the 20% darker color. If you saturate the color by 10%, you get `84, 22.498, 288.504`, and if you desaturate by 10%, it is `98, 1.289, 106.025`.

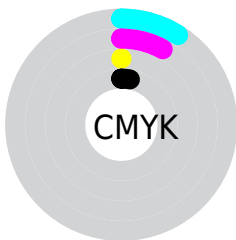
Distribution



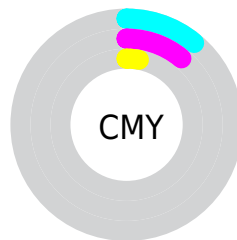
- Red (89%)
- Green (89%)
- Blue (97%)



- Red (89%)
- Yellow (89%)
- Blue (97%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 10.389, 287.231 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, 10.389, 287.231 by changing the saturation by 10% instead.

■ 91, 10.389,
287.231

■ 91, 10.389,
287.231

■ 100, 10.389,
287.231

■ 81, 10.389,
287.231

■ 71, 10.389,
287.231

■ 61, 10.389,
287.231

■ 51, 10.389,
287.231

■ 41, 10.389,
287.231

■ 31, 10.389,
287.231

■ 21, 10.389,

287.231

■ 11, 10.389,
287.231

■ 1, 10.389, 287.231

■ 91, 10.389,
287.231

■ 91, 10.389,
287.231

■ 84, 22.498,
288.504

■ 98, 1.289, 106.025

■ 76, 35.083,
290.014

■ 100, 3.504,
109.894

■ 69, 48.179,
291.784

■ 61, 61.811,
293.837

■ 54, 75.940,
296.163

■ 47, 90.351,
298.688

■ 41, 104.433,
301.242

■ 36, 116.921,
303.539

■ 33, 126.021,
305.237

Harmonies

Complementary

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



91, 10.389, 287.231



97, 10.210, 105.299

Rectangle

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



91, 10.389, 287.231



91, 10.389, 337.231



91, 10.389, 107.231



91, 10.389, 157.231

Sweetspot

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



91, 10.387, 287.224



98, 3.563, 286.584



96, 7.690, 190.542



52, 2.703, 286.664



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, 10.387, 287.224



92, 13.223, 287.481



91, 11.863, 305.944



48, 6.704, 287.298



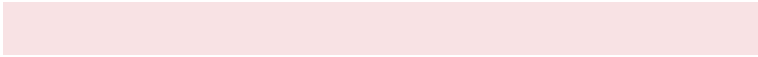
24, 102.360, 305.133



4, 39.333, 299.256

Inverse Universe

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



92, 8.040, 12.532



93, 10.271, 12.744



96, 11.679, 125.072



49, 5.195, 12.594



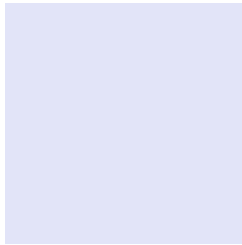
39, 79.558, 36.355



9, 31.573, 22.454

Previews

White Background



This preview shows how the CIELCh color 91, 10.389, 287.231 looks on a white background.

Color Contrast Check

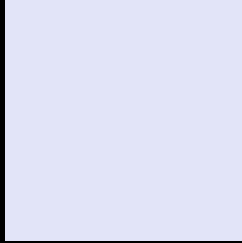
Large Text (above 18pt) WCAG AA × Fail

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, 10.389, 287.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

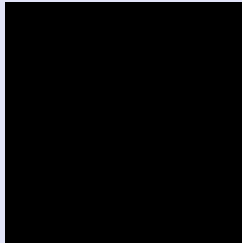
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

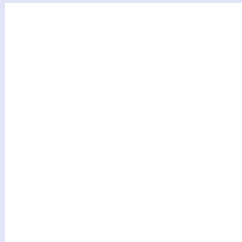
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 10.389, 287.231

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.389, 287.231.

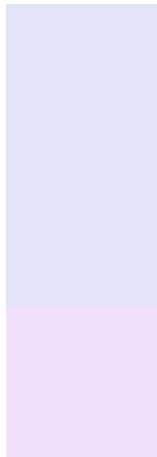


This preview shows how white text looks on a background with the CIELCh color 91, 10.389, 287.231.

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, 10.389, 287.231

Protanopia

91, 10.377, 291.013

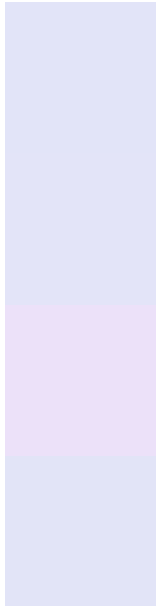
Deuteranopia

91, 15.100, 317.130



Tritanopia
91, 9.355, 286.715

Trichromacy



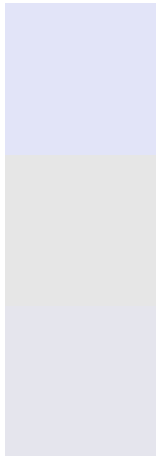
Original Color
91, 10.389, 287.231

Protanomaly
91, 10.378, 289.119

Deuteranomaly
91, 13.083, 308.046

Tritanomaly
91, 9.872, 286.985

Monochromacy



Original Color
91, 10.389, 287.231

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.154, 290.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 10.389, 287.231 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(226, 228, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 248)  
}
```

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(226, 228, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.389, 287.231 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(226, 228, 248) }
```

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

```
.border{ border-color:rgb(226, 228, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.389, 287.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 248) }
```

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

```
.background{ background-color: rgb(226,  
228, 248) }
```

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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