

Converting Colors

CIELCh(91, 10.987, 288.733)

Have a look what the booklet for
CIELCh(91, 10.987, 288.733)
contains.

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Color

CIELCh(91, 10.895, 289.253)

Conversions

Conversions Part 1

Format	Color
Hex	E3E4F9
RGB	227, 228, 249
RGB Percent	89%, 89%, 98%
CMY	0.1107, 0.1067, 0.0244
CMYK	0.09, 0.08, 0.00, 0.02
HSL	237°, 64%, 93%
HSV	237°, 9%, 98%
XYZ	76.3528, 78.4833, 100.5601
YIQ	230.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

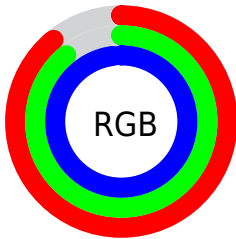
Format	Color
RYB	227, 228, 249
Decimal	14935289
CIELab	91.00, 3.59, -10.29
CIElCh	91, 10.895, 289.253
Yxy	78.4833, 0.2990, 0.3073
Android (android.graphics.Color)	4293125369 (0xFFE3E4F9)
YUV	230.0950, 9.3202, -2.7143
Hunter-Lab	88.5908, -1.1920, -5.2870

Details

The CIELCh color **91, 10.895, 289.253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 10.686, 107.399**, 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, 10.923, 289.379** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.662, 290.488**, and if you desaturate by 10%, it is **99, 1.388, 108.110**.

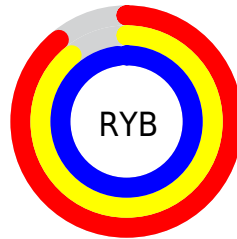
Distribution



Red (89%)

Green (89%)

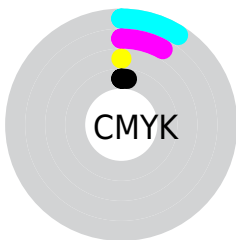
Blue (98%)



Red (89%)

Yellow (89%)

Blue (98%)

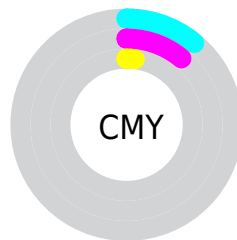


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (11%)


Magenta (11%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 10.895, 289.253 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, 10.895, 289.253 by changing the saturation by 10% instead.


 91, 10.895,
289.253


 91, 10.895,
289.253


 100, 10.895,
289.253


 81, 10.895,
289.253


 71, 10.895,
289.253

 61, 10.895,
289.253

 51, 10.895,
289.253

 41, 10.895,
289.253

 31, 10.895,
289.253

 21, 10.895,

289.253

■ 11, 10.895,
289.253

■ 1, 10.895, 289.253

■ 91, 10.895,
289.253

■ 91, 10.895,
289.253

■ 83, 23.662,
290.488

■ 99, 1.388, 108.110

■ 75, 36.961,
291.955

■ 100, 3.147,
109.918

■ 68, 50.826,
293.676

■ 60, 65.266,
295.665

■ 53, 80.190,
297.902

■ 46, 95.254,
300.291

■ 40, 109.574,
302.623

■ 35, 121.486,
304.580

■ 32, 128.987,
305.827

Harmonies

Complementary

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



91, 10.895, 289.253



97, 10.686, 107.399

Rectangle

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



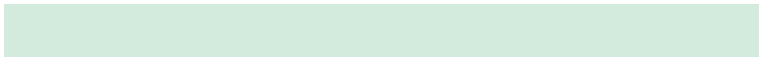
91, 10.895, 289.253



91, 10.895, 339.253



91, 10.895, 109.253



91, 10.895, 159.253

Sweetspot

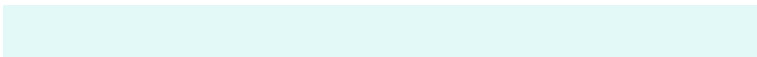
The Sweet Spot groups the original color and five complimentary colors.



91, 10.893, 289.247



98, 3.737, 288.626



96, 7.597, 194.738



52, 2.835, 288.705



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, 10.893, 289.247



91, 13.882, 289.499



92, 11.959, 307.713



48, 7.037, 289.322



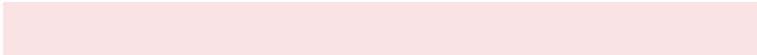
23, 104.659, 305.754



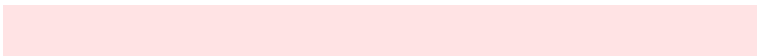
4, 40.679, 300.072

Inverse Universe

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



92, 7.993, 16.191



92, 10.227, 16.388



97, 11.789, 126.901



49, 5.170, 16.250



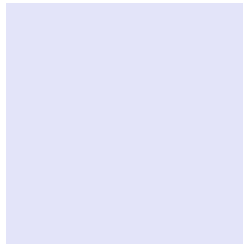
39, 81.440, 38.235



9, 31.868, 24.311

Previews

White Background



This preview shows how the CIELCh color 91, 10.895, 289.253 looks on a white background.

Color Contrast Check

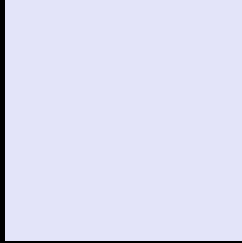
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 10.895, 289.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

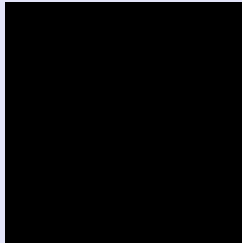
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 10.895, 289.253

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.895, 289.253.

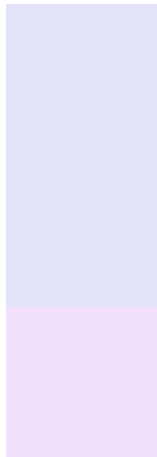


This preview shows how white text looks on a background with the CIELCh color 91, 10.895, 289.253.

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, 10.895, 289.253

Protanopia

91, 10.895, 289.253

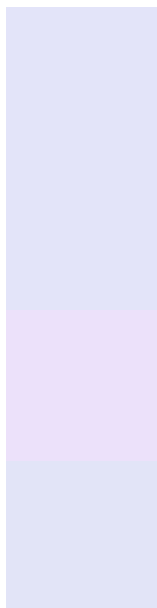
Deuteranopia

91, 15.564, 316.294



Tritanopia
91, 9.355, 286.715

Trichromacy



Original Color
91, 10.895, 289.253

Protanomaly
91, 10.895, 289.253

Deuteranomaly
91, 13.579, 307.422

Tritanomaly
91, 9.872, 286.985

Monochromacy



Original Color
91, 10.895, 289.253

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, 10.895, 289.253 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(227, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 249)  
}
```

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(227, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.895, 289.253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

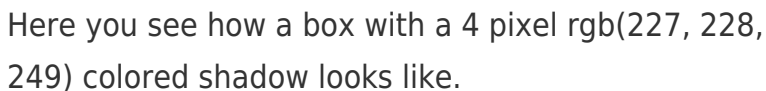
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 228, 249) }
```

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

```
.border{ border-color:rgb(227, 228, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 228, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 228, 249); box-shadow:4px 4px 4px 4px rgb(227, 228, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.895, 289.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 249) }
```

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

```
.background{ background-color: rgb(227,  
228, 249) }
```

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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