

Converting Colors

CIELCh(91, 7.805, 293.362)

Have a look what the booklet for
CIELCh(91, 7.805, 293.362) contains.

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Color

CIELCh(91, 7.798, 293.360)

Conversions

Conversions Part 1

Format	Color
Hex	E5E4F3
RGB	229, 228, 243
RGB Percent	90%, 89%, 95%
CMY	0.1026, 0.1065, 0.0477
CMYK	0.06, 0.06, 0.00, 0.05
HSL	244°, 38%, 92%
HSV	244°, 6%, 95%
XYZ	76.1064, 78.4833, 95.7942
YIQ	230.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

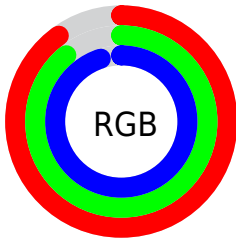
Format	Color
R _Y B	229, 228, 243
Decimal	15066355
CIE Lab	91.00, 3.09, -7.16
CIE LCh	91, 7.798, 293.360
Yxy	78.4833, 0.3040, 0.3135
Android (android.graphics.Color)	4293256435 (0xFFE5E4F3)
YUV	230.0090, 6.4046, -0.8849
Hunter-Lab	88.5908, -1.6885, -2.0974

Details

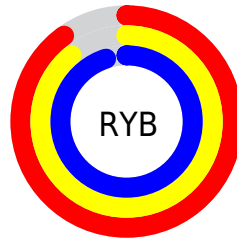
The CIELCh color `91, 7.798, 293.360` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 7.673, 112.256`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 7.663, 293.653` is the 20% darker color. If you saturate the color by 10%, you get `83, 20.824, 294.370`, and if you desaturate by 10%, it is `99, 4.717, 112.466`.

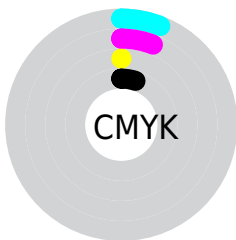
Distribution



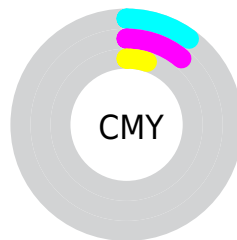
- Red (90%)
- Green (89%)
- Blue (95%)



- Red (90%)
- Yellow (89%)
- Blue (95%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.798, 293.360 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, 7.798, 293.360 by changing the saturation by 10% instead.

■ 91, 7.798, 293.360

■ 91, 7.798, 293.360

100, 7.798,
293.360

■ 81, 7.798, 293.360

■ 71, 7.798, 293.360

■ 61, 7.798, 293.360

■ 51, 7.798, 293.360

■ 41, 7.798, 293.360

■ 31, 7.798, 293.360

■ 21, 7.798, 293.360

■ 11, 7.798, 293.360

■ 1, 7.798, 293.360

91, 7.798, 293.360

91, 7.798, 293.360

83, 20.824,
294.370

99, 4.717, 112.466

75, 34.403,
295.568

100, 6.160,
109.705

68, 48.558,
296.962

60, 63.274,
298.561

52, 78.424,
300.342

45, 93.617,
302.223

39, 107.933,
304.023

34, 119.695,
305.461

■ 32,126.881,
306.242

Harmonies

Complementary

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



91, 7.798, 293.360



95, 7.673, 112.256

Rectangle

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



91, 7.798, 293.360



91, 7.798, 343.360



91, 7.798, 113.360



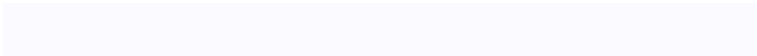
91, 7.798, 163.360

Sweetspot

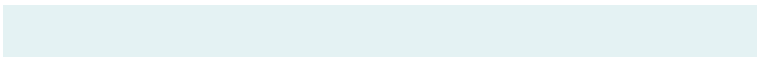
The Sweet Spot groups the original color and five complimentary colors.



91, 7.796, 293.352



98, 2.613, 292.984



95, 4.953, 203.681



52, 1.486, 292.976



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, 7.796, 293.352



94, 9.210, 293.431



92, 8.330, 311.041



48, 5.793, 293.486



22, 105.295, 306.484



3, 40.096, 301.303

Inverse Universe

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



92, 9.016, 326.594



96, 10.641, 326.647



95, 8.251, 130.552



49, 6.689, 326.682



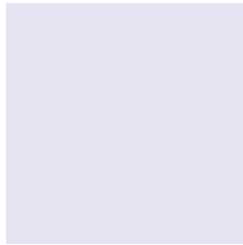
44, 86.593, 331.067



11, 38.767, 330.668

Previews

White Background



This preview shows how the CIELCh color 91, 7.798, 293.360 looks on a white background.

Color Contrast Check

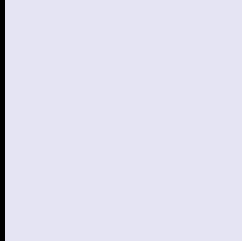
Large Text (above 18pt) WCAG AA × Fail

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, 7.798, 293.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

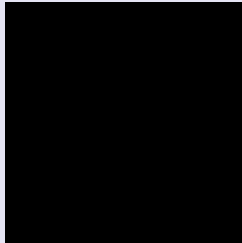
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

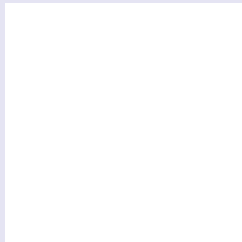
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.798, 293.360

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.798, 293.360.

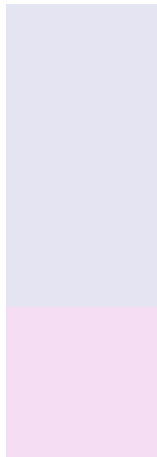


This preview shows how white text looks on a background with the CIELCh color 91, 7.798, 293.360.

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, 7.798, 293.360

Protanopia

91, 7.798, 293.360

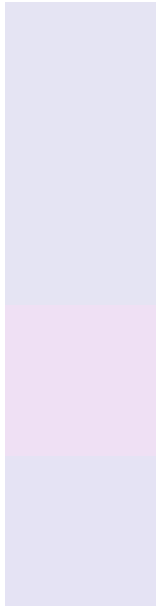
Deuteranopia

91, 14.055, 326.131



Tritanopia
91, 9.384, 295.158

Trichromacy



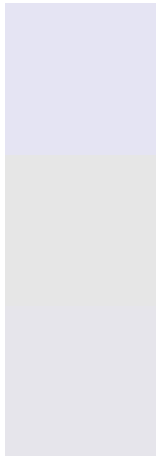
Original Color
91, 7.798, 293.360

Protanomaly
91, 7.798, 293.360

Deuteranomaly
91, 11.694, 317.627

Tritanomaly
91, 8.866, 295.373

Monochromacy



Original Color
91, 7.798, 293.360

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.142, 296.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.798, 293.360 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(229, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 243)  
}
```

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(229, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.798, 293.360 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(229, 228, 243) }
```

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

```
.border{ border-color:rgb(229, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.798, 293.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 243) }
```

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

```
.background{ background-color: rgb(229,  
228, 243) }
```

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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