

Converting Colors

CIE LCh(91, 6.582, 298.199)

Have a look what the booklet for
CIELCh(91, 6.582, 298.199) contains.

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Color

CIELCh(91, 6.279, 297.075)

Conversions

Conversions Part 1

Format	Color
Hex	E6E4F0
RGB	230, 228, 240
RGB Percent	90%, 89%, 94%
CMY	0.0986, 0.1065, 0.0594
CMYK	0.04, 0.05, 0.00, 0.06
HSL	250°, 28%, 92%
HSV	250°, 5%, 94%
XYZ	75.9914, 78.4833, 93.4622
YIQ	229.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

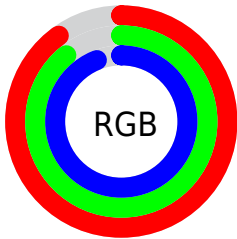
Format	Color
R _Y B	230, 228, 240
Decimal	15131888
CIE Lab	91.00, 2.86, -5.59
CIE LCh	91, 6.279, 297.075
Yxy	78.4833, 0.3065, 0.3165
Android (android.graphics.Color)	4293321968 (0xFFE6E4F0)
YUV	229.9660, 4.9468, 0.0298
Hunter-Lab	88.5908, -1.9203, -0.5366

Details

The CIELCh color `91, 6.279, 297.075` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 6.192, 116.337`, 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, 6.066, 297.716` is the 20% darker color. If you saturate the color by 10%, you get `83, 19.180, 297.893`, and if you desaturate by 10%, it is `98, 6.133, 116.353`.

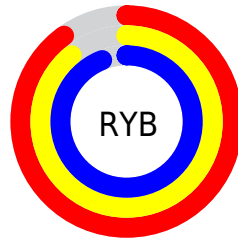
Distribution



Red (90%)

Green (89%)

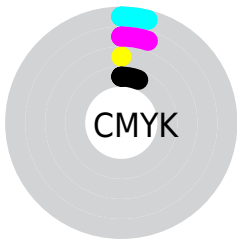
Blue (94%)



Red (90%)

Yellow (89%)

Blue (94%)

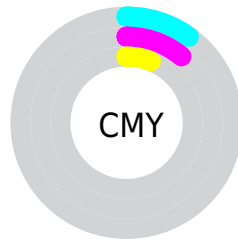


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.279, 297.075 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, 6.279, 297.075 by changing the saturation by 10% instead.

■ 91, 6.279, 297.075

■ 91, 6.279, 297.075

100, 6.279,
297.075

■ 81, 6.279, 297.075

■ 71, 6.279, 297.075

■ 61, 6.279, 297.075

■ 51, 6.279, 297.075

■ 41, 6.279, 297.075

■ 31, 6.279, 297.075

■ 21, 6.279, 297.075

■ 11, 6.279, 297.075

■ 1, 6.279, 297.075

91, 6.279, 297.075

91, 6.279, 297.075

83, 19.180,
297.893

98, 6.133, 116.353

76, 32.601,
298.853

100, 7.670,
109.594

68, 46.548,
299.954

61, 60.984,
301.197

54, 75.765,
302.559

47, 90.525,
303.972

41, 104.474,
305.303

36, 116.223,
306.335

■ 32,124.012,
306.819

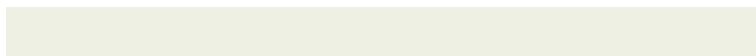
Harmonies

Complementary

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



91, 6.279, 297.075



94, 6.192, 116.337

Rectangle

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



91, 6.279, 297.075



91, 6.279, 347.075



91, 6.279, 117.075



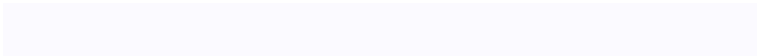
91, 6.279, 167.075

Sweetspot

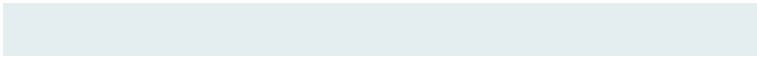
The Sweet Spot groups the original color and five complimentary colors.



91, 6.277, 297.065



98, 2.630, 296.841



93, 3.662, 214.033



52, 1.495, 296.834



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, 6.277, 297.065



95, 7.928, 297.144



91, 6.832, 314.309



47, 5.003, 297.192



23, 103.380, 307.001



3, 38.275, 302.610

Inverse Universe

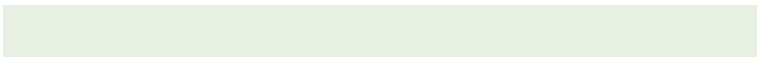
The Inverse Universe completely reimagines the original color for something new.



92, 6.737, 329.635



96, 8.499, 329.705



94, 6.783, 133.950



48, 5.361, 329.747



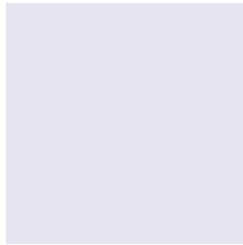
42, 79.306, 336.176



9, 35.239, 334.895

Previews

White Background



This preview shows how the CIELCh color 91, 6.279, 297.075 looks on a white background.

Color Contrast Check

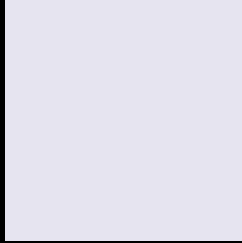
Large Text (above 18pt) WCAG AA × Fail

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, 6.279, 297.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

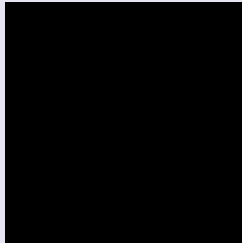
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

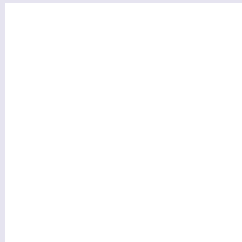
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.279, 297.075

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.279, 297.075.

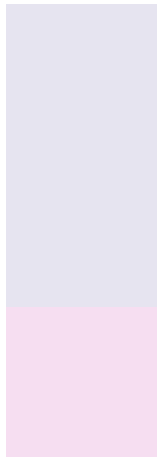


This preview shows how white text looks on a background with the CIELCh color 91, 6.279, 297.075.

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

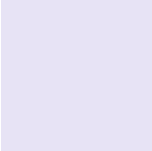
91, 6.279, 297.075

Protanopia

91, 6.279, 297.075

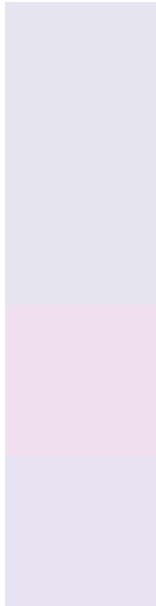
Deuteranopia

91, 13.063, 331.409



Tritanopia
91, 9.469, 299.344

Trichromacy



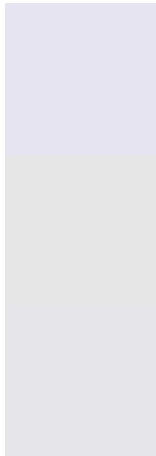
Original Color
91, 6.279, 297.075

Protanomaly
91, 6.279, 297.075

Deuteranomaly
91, 10.524, 323.193

Tritanomaly
91, 8.444, 300.328

Monochromacy



Original Color
91, 6.279, 297.075

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.629, 298.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.279, 297.075 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(230, 228, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 240)  
}
```

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(230, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.279, 297.075 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(230, 228, 240) }
```

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

```
.border{ border-color:rgb(230, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.279, 297.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 240) }
```

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

```
.background{ background-color: rgb(230,  
228, 240) }
```

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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