

Converting Colors

CIELCh(91, 8.945, 296.325)

Have a look what the booklet for
CIELCh(91, 8.945, 296.325) contains.

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Color

CIELCh(91, 8.905, 297.598)

Conversions

Conversions Part 1

Format	Color
Hex	E6E3F4
RGB	230, 227, 244
RGB Percent	90%, 89%, 96%
CMY	0.0971, 0.1088, 0.0422
CMYK	0.06, 0.07, 0.00, 0.04
HSL	251°, 44%, 92%
HSV	251°, 7%, 96%
XYZ	76.6157, 78.4833, 96.8976
YIQ	229.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

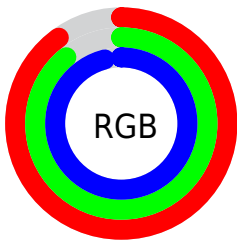
Format	Color
R _Y B	230, 227, 244
Decimal	15131636
CIE Lab	91.00, 4.13, -7.89
CIE LCh	91, 8.905, 297.598
Yxy	78.4833, 0.3040, 0.3114
Android (android.graphics.Color)	4293321716 (0xFFE6E3F4)
YUV	229.8350, 6.9833, 0.1447
Hunter-Lab	88.5908, -0.6623, -2.8358

Details

The CIELCh color $91, 8.905, 297.598$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $96, 8.757, 116.587$, 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 $71, 8.790, 295.773$ is the 20% darker color. If you saturate the color by 10%, you get $83, 22.108, 298.429$, and if you desaturate by 10%, it is $99, 3.798, 116.872$.

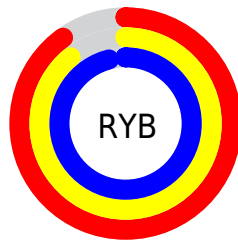
Distribution



Red (90%)

Green (89%)

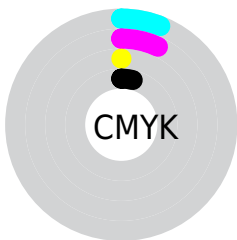
Blue (96%)



Red (90%)

Yellow (89%)

Blue (96%)

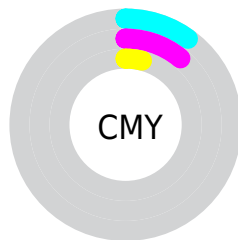


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.905, 297.598 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, 8.905, 297.598 by changing the saturation by 10% instead.

91, 8.905, 297.598

91, 8.905, 297.598

100, 8.905,
297.598

81, 8.905, 297.598

71, 8.905, 297.598

61, 8.905, 297.598

51, 8.905, 297.598

41, 8.905, 297.598

31, 8.905, 297.598

21, 8.905, 297.598

11, 8.905, 297.598

1, 8.905, 297.598

91, 8.905, 297.598

91, 8.905, 297.598

83, 22.108,
298.429

99, 3.798, 116.872

76, 35.840,
299.397

100, 5.439,
109.757

68, 50.098,
300.503

61, 64.826,
301.743

53, 79.841,
303.087

47, 94.698,
304.456

40, 108.487,
305.702

36, 119.694,
306.599

■ 33,126.625,
306.919

Harmonies

Complementary

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



91, 8.905, 297.598



96, 8.757, 116.587

Rectangle

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



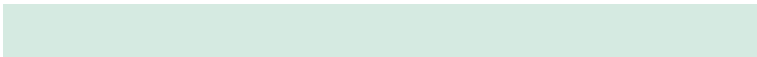
91, 8.905, 297.598



91, 8.905, 347.598



91, 8.905, 117.598



91, 8.905, 167.598

Sweetspot

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



91, 8.903, 297.592



98, 2.632, 297.220



94, 5.089, 215.888



52, 1.497, 297.213



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, 8.903, 297.592



94, 10.617, 297.675



92, 9.710, 314.938



47, 7.316, 297.792



23, 104.342, 307.067



3, 40.435, 303.719

Inverse Universe

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



92, 9.461, 330.103



95, 11.268, 330.174



95, 9.637, 134.396



48, 7.752, 330.270



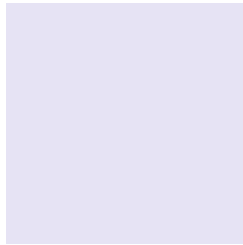
42, 79.514, 336.754



10, 35.987, 335.433

Previews

White Background



This preview shows how the CIELCh color 91, 8.905, 297.598 looks on a white background.

Color Contrast Check

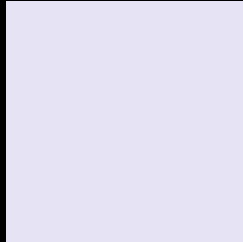
Large Text (above 18pt) WCAG AA × Fail

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, 8.905, 297.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

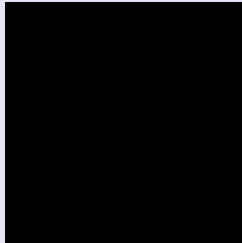
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

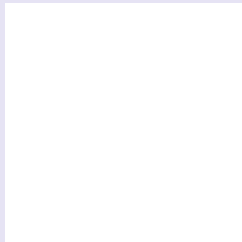
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.905, 297.598

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.905, 297.598.

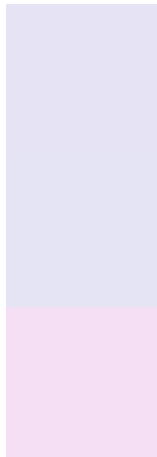


This preview shows how white text looks on a background with the CIELCh color 91, 8.905, 297.598.

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, 8.905, 297.598

Protanopia

91, 8.834, 293.133

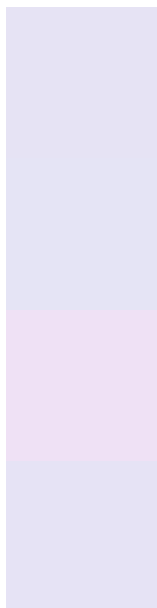
Deuteranopia

91, 13.650, 323.670



Tritanopia
91, 9.420, 297.259

Trichromacy



Original Color
91, 8.905, 297.598

Protanomaly
91, 8.834, 293.133

Deuteranomaly
91, 11.530, 316.058

Tritanomaly
91, 9.420, 297.259

Monochromacy



Original Color
91, 8.905, 297.598

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, 8.905, 297.598 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, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 244)  
}
```

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, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.905, 297.598 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, 227, 244) }
```

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

```
.border{ border-color:rgb(230, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.905, 297.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 244) }
```

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

```
.background{ background-color: rgb(230,  
227, 244) }
```

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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