

Converting Colors

CIE LCh(93, 4.800, 287.559)

Have a look what the booklet for
CIELCh(93, 4.800, 287.559) contains.

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Color

CIELCh(93, 5.169, 290.599)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAF4
RGB	234, 234, 244
RGB Percent	92%, 92%, 96%
CMY	0.0819, 0.0819, 0.0426
CMYK	0.04, 0.04, 0.00, 0.04
HSL	240°, 31%, 94%
HSV	240°, 4%, 96%
XYZ	79.7769, 82.9670, 97.4957
YIQ	235.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

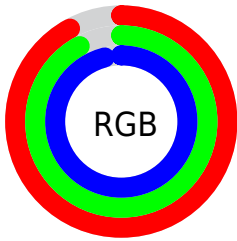
Format	Color
R_{YB}	234, 234, 244
Decimal	15395572
CIE _{Lab}	93.00, 1.82, -4.84
CIE _{LCh}	93, 5.169, 290.599
Yxy	82.9670, 0.3066, 0.3188
Android (android.graphics.Color)	4293585652 (0xFFEAEAF4)
YUV	235.1400, 4.3680, -0.9998
Hunter-Lab	91.0862, -3.0635, 0.2983

Details

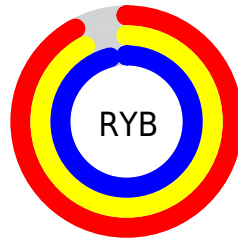
The CIELCh color `93, 5.169, 290.599` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.101, 109.755`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 5.438, 290.713` is the 20% darker color. If you saturate the color by 10%, you get `85, 18.117, 291.691`, and if you desaturate by 10%, it is `100, 5.503, 109.753`.

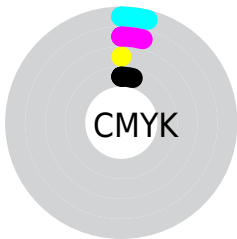
Distribution



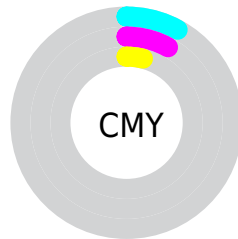
- Red (92%)
- Green (92%)
- Blue (96%)



- Red (92%)
- Yellow (92%)
- Blue (96%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.169, 290.599 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 93, 5.169, 290.599 by changing the saturation by 10% instead.

93, 5.169, 290.599

93, 5.169, 290.599

100, 5.169,
290.599

83, 5.169, 290.599

73, 5.169, 290.599

63, 5.169, 290.599

53, 5.169, 290.599

43, 5.169, 290.599

33, 5.169, 290.599

23, 5.169, 290.599

13, 5.169, 290.599

3, 5.169, 290.599

93, 5.169, 290.599

93, 5.169, 290.599

85, 18.117,
291.691

100, 5.503,
109.753

77, 31.619,
293.010

69, 45.714,
294.563

61, 60.415,
296.369

54, 75.649,
298.418

46, 91.110,
300.634

40, 105.979,
302.833

35, 118.605,
304.703

■ 32,126.781,
305.898

Harmonies

Complementary

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



93, 5.169, 290.599



96, 5.101, 109.755

Rectangle

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



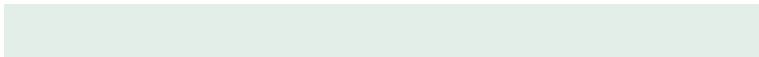
93, 5.169, 290.599



93, 5.169, 340.599



93, 5.169, 110.599



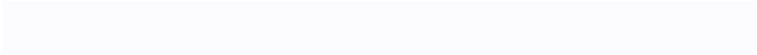
93, 5.169, 160.599

Sweetspot

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



93, 5.167, 290.584



99, 1.307, 290.320



96, 3.488, 197.955



53, 0.744, 290.318



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.167, 290.584



96, 6.542, 290.676



93, 5.459, 308.643



49, 4.321, 290.746



22, 105.617, 306.283



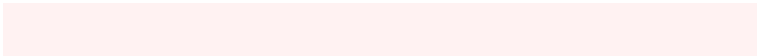
3, 39.895, 299.764

Inverse Universe

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



94, 3.577, 19.446



97, 4.539, 19.537



96, 5.408, 128.327



49, 3.003, 19.599



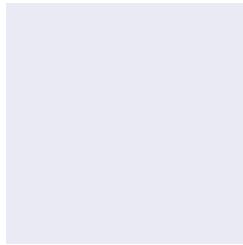
39, 82.534, 39.985



8, 31.022, 24.993

Previews

White Background



This preview shows how the CIELCh color 93, 5.169, 290.599 looks on a white background.

Color Contrast Check

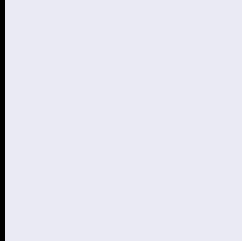
Large Text (above 18pt) WCAG AA × Fail

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 93, 5.169, 290.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

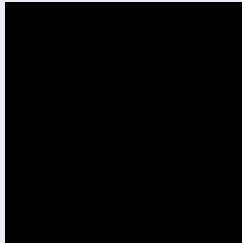
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

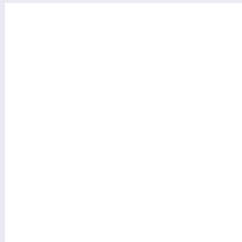
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.169, 290.599

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.169, 290.599.

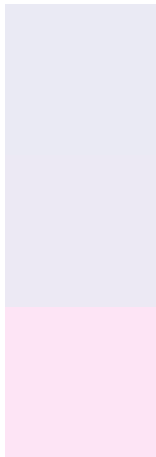


This preview shows how white text looks on a background with the CIELCh color 93, 5.169, 290.599.

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


93, 5.169, 290.599

Protanopia

93, 5.798, 301.039

Deuteranopia

93, 12.500, 335.769



Tritanopia
93, 9.338, 295.144

Trichromacy



Original Color
93, 5.169, 290.599

Protanomaly
93, 5.741, 297.614

Deuteranomaly
93, 9.626, 326.501

Tritanomaly
93, 7.795, 295.891

Monochromacy



Original Color
93, 5.169, 290.599

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.557, 290.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.169, 290.599 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(234, 234, 244)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 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(234, 234, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.169, 290.599 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(234, 234, 244) }
```

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

```
.border{ border-color:rgb(234, 234, 244) }
```

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

Here you see how a box with a 4 pixel rgb(234, 234, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.169, 290.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 244) }
```

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

```
.background{ background-color: rgb(234,  
234, 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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