

Converting Colors

CIELCh(93, 5.458, 291.400)

Have a look what the booklet for
CIELCh(93, 5.458, 291.400) contains.

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Color

CIELCh(93, 5.684, 290.638)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAF5
RGB	234, 234, 245
RGB Percent	92%, 92%, 96%
CMY	0.0822, 0.0822, 0.0390
CMYK	0.04, 0.04, 0.00, 0.04
HSL	240°, 36%, 94%
HSV	240°, 4%, 96%
XYZ	79.8708, 82.9670, 98.2269
YIQ	235.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

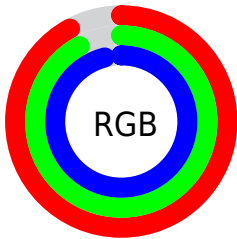
Format	Color
RYB	234, 234, 245
Decimal	15395573
CIELab	93.00, 2.00, -5.32
CIELCh	93, 5.684, 290.638
Yxy	82.9670, 0.3059, 0.3178
Android (android.graphics.Color)	4293585653 (0xFFEAEAF5)
YUV	235.2540, 4.8048, -1.0998
Hunter-Lab	91.0862, -2.8797, -0.1776

Details

The CIELCh color **93, 5.684, 290.638** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.606, 109.719**, 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, 5.981, 290.764** is the 20% darker color. If you saturate the color by 10%, you get **85, 18.693, 291.741**, and if you desaturate by 10%, it is **100, 5.036, 109.786**.

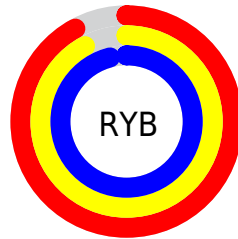
Distribution



Red (92%)

Green (92%)

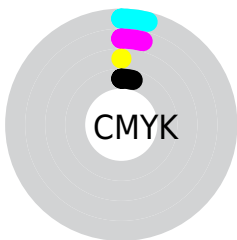
Blue (96%)



Red (92%)

Yellow (92%)

Blue (96%)

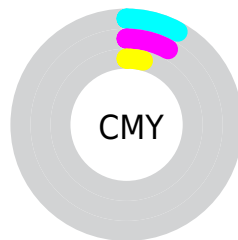


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (8%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.684, 290.638 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, 5.684, 290.638 by changing the saturation by 10% instead.

93, 5.684, 290.638

93, 5.684, 290.638

100, 5.684,
290.638

83, 5.684, 290.638

73, 5.684, 290.638

63, 5.684, 290.638

53, 5.684, 290.638

43, 5.684, 290.638

33, 5.684, 290.638

23, 5.684, 290.638

13, 5.684, 290.638

3, 5.684, 290.638

93, 5.684, 290.638

93, 5.684, 290.638

85, 18.693,
291.741

100, 5.036,
109.786

77, 32.260,
293.068

69, 46.423,
294.631

61, 61.192,
296.448

53, 76.491,
298.506

46, 91.997,
300.726

40, 106.859,
302.919

35, 119.384,
304.768

■ 32,127.361,
305.930

Harmonies

Complementary

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



93, 5.684, 290.638



96, 5.606, 109.719

Rectangle

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



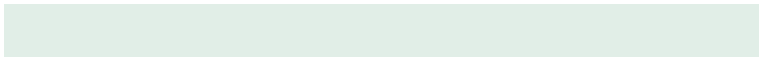
93, 5.684, 290.638



93, 5.684, 340.638



93, 5.684, 110.638



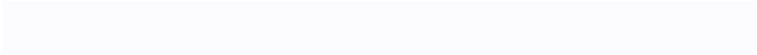
93, 5.684, 160.638

Sweetspot

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



93, 5.682, 290.625



99, 1.307, 290.321



96, 3.830, 197.915



53, 0.744, 290.319



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, 5.682, 290.625



96, 6.542, 290.678



93, 6.001, 308.663



49, 4.322, 290.748



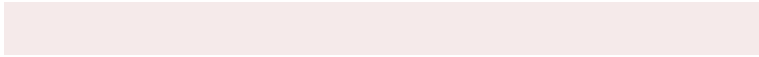
22, 105.618, 306.283



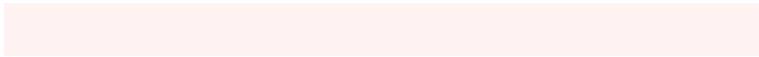
3, 39.896, 299.764

Inverse Universe

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



94, 3.937, 19.489



97, 4.539, 19.540



96, 5.945, 128.307



49, 3.003, 19.602



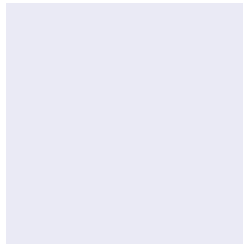
39, 82.535, 39.986



8, 31.022, 24.994

Previews

White Background



This preview shows how the CIELCh color 93, 5.684, 290.638 looks on a white background.

Color Contrast Check

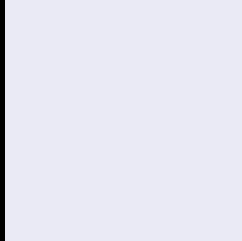
Large Text (above 18pt) WCAG AA × Fail

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, 5.684, 290.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

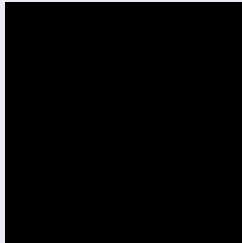
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

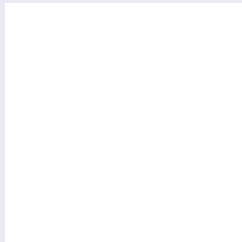
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.684, 290.638

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.684, 290.638.

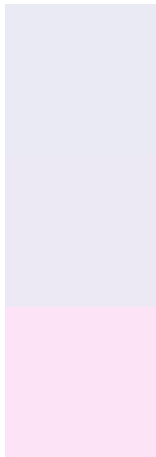


This preview shows how white text looks on a background with the CIELCh color 93, 5.684, 290.638.

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, 5.684, 290.638

Protanopia

93, 6.306, 300.214

Deuteranopia

93, 12.621, 332.934



Tritanopia
93, 9.338, 295.144

Trichromacy



Original Color
93, 5.684, 290.638

Protanomaly
93, 6.254, 297.067

Deuteranomaly
93, 9.852, 323.060

Tritanomaly
93, 8.309, 295.606

Monochromacy



Original Color
93, 5.684, 290.638

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.072, 290.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.684, 290.638 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.684, 290.638 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, 245) }
```

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

```
.border{ border-color:rgb(234, 234, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.684, 290.638 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, 245) }
```

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

```
.background{ background-color: rgb(234,  
234, 245) }
```

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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