

Converting Colors

CIELCh(93, 2.749, 19.900)

Have a look what the booklet for
CIELCh(93, 2.749, 19.900) contains.

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Color

CIELCh(93, 2.859, 19.385)

Conversions

Conversions Part 1

Format	Color
Hex	F1E9E9
RGB	241, 233, 233
RGB Percent	95%, 91%, 91%
CMY	0.0544, 0.0857, 0.0858
CMYK	0.00, 0.03, 0.03, 0.05
HSL	0°, 22%, 93%
HSV	0°, 3%, 95%
XYZ	80.2235, 82.9670, 88.9754
YIQ	235.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

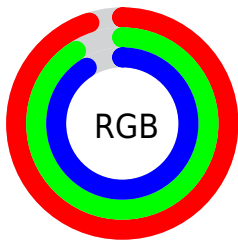
Format	Color
R _Y B	241, 233, 233
Decimal	15854057
CIE Lab	93.00, 2.70, 0.95
CIE LCh	93, 2.859, 19.385
Yxy	82.9670, 0.3181, 0.3290
Android (android.graphics.Color)	4294044137 (0xFFFF1E9E9)
YUV	235.3920, -1.1793, 4.9182
Hunter-Lab	91.0862, -2.1885, 5.8443

Details

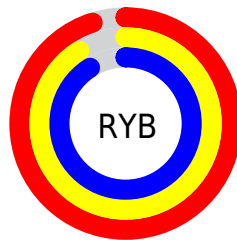
The CIELCh color **93, 2.859, 19.385** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 2.797, 199.491**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.016, 19.492** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.933, 20.291**, and if you desaturate by 10%, it is **99, 4.778, 199.241**.

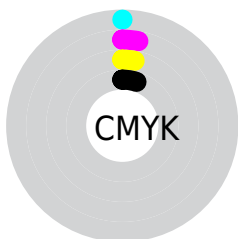
Distribution



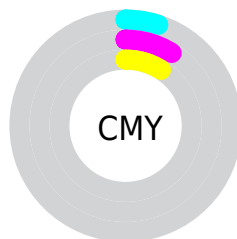
- Red (95%)
- Green (91%)
- Blue (91%)



- Red (95%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.859, 19.385 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, 2.859, 19.385 by changing the saturation by 10% instead.

93, 2.859, 19.385

93, 2.859, 19.385

100, 2.859, 19.385

83, 2.859, 19.385

73, 2.859, 19.385

63, 2.859, 19.385

53, 2.859, 19.385

43, 2.859, 19.385

33, 2.859, 19.385

23, 2.859, 19.385

13, 2.859, 19.385

3, 2.859, 19.385

93, 2.859, 19.385

93, 2.859, 19.385

86, 11.933, 20.291

99, 4.778, 199.241

80, 21.733, 21.216

74, 32.246, 22.403

68, 43.388, 23.954

63, 54.970, 25.980

59, 66.689, 28.588

55, 78.118, 31.804

52, 88.596, 35.399

51, 96.724, 38.564

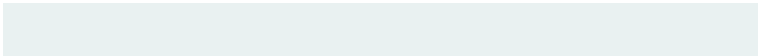
Harmonies

Complementary

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



93, 2.859, 19.385



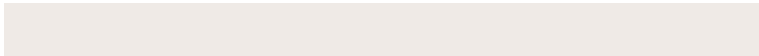
95, 2.797, 199.491

Rectangle

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



93, 2.859, 19.385



93, 2.859, 69.385



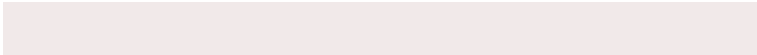
93, 2.859, 199.385



93, 2.859, 249.385

Sweetspot

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



93, 2.857, 19.427



99, 0.894, 18.771



93, 5.033, 324.566



53, 0.508, 18.729



0, 0.000, 0.000



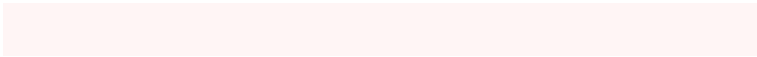
53, 0.007, 296.813

Same Dimension

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



93, 2.857, 19.427



97, 3.615, 19.509



94, 2.483, 74.846



49, 2.449, 19.583



38, 81.695, 40.001



8, 29.825, 23.834

Inverse Universe

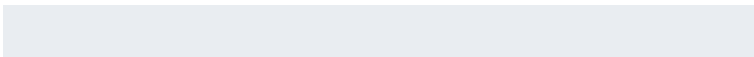
The Inverse Universe completely reimagines the original color for something new.



95, 2.797, 199.491



99, 3.524, 199.414



94, 2.479, 256.001



50, 2.376, 199.346



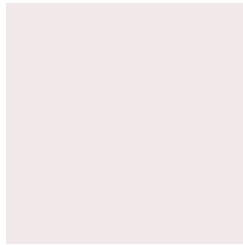
68, 39.127, 196.466



21, 17.083, 196.455

Previews

White Background



This preview shows how the CIE LCh color 93, 2.859, 19.385 looks on a white background.

Color Contrast Check

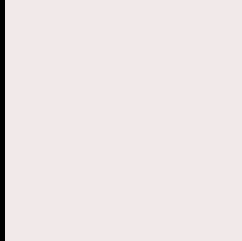
Large Text (above 18pt) WCAG AA × Fail

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, 2.859, 19.385 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

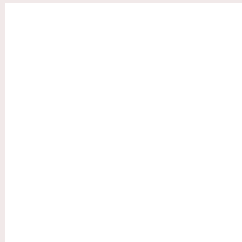
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.859, 19.385

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.859, 19.385.

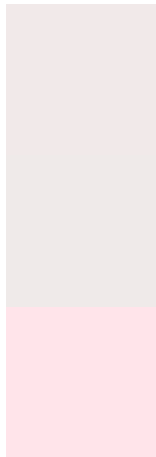


This preview shows how white text looks on a background with the CIELCh color 93, 2.859, 19.385.

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, 2.859, 19.385

Protanopia

93, 1.849, 35.332

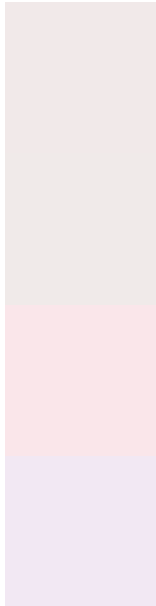
Deuteranopia

93, 10.222, 2.535



Tritanopia
93, 10.247, 314.951

Trichromacy



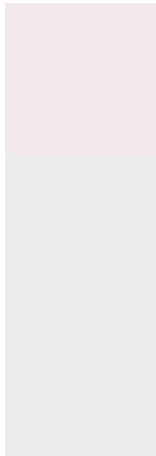
Original Color
93, 2.859, 19.385

Protanomaly
93, 2.196, 32.802

Deuteranomaly
93, 7.488, 3.919

Tritanomaly
93, 6.721, 322.152

Monochromacy



Original Color
93, 2.859, 19.385

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.067, 18.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.859, 19.385 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(241, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 233)  
}
```

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(241, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.859, 19.385 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(241, 233, 233) }
```

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

```
.border{ border-color:rgb(241, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.859, 19.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 233) }
```

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

```
.background{ background-color: rgb(241,  
233, 233) }
```

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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