

Converting Colors

CIE LCh(93, 2.599, 345.514)

Have a look what the booklet for
CIELCh(93, 2.599, 345.514) contains.

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Color

CIELCh(93, 2.654, 343.682)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9EC
RGB	239, 233, 236
RGB Percent	94%, 91%, 93%
CMY	0.0613, 0.0849, 0.0731
CMYK	0.00, 0.03, 0.01, 0.06
HSL	330°, 16%, 93%
HSV	330°, 3%, 94%
XYZ	80.1472, 82.9670, 91.4166
YIQ	235.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

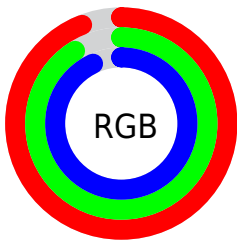
Format	Color
R _Y B	239, 233, 236
Decimal	15722988
CIE Lab	93.00, 2.55, -0.75
CIE LCh	93, 2.654, 343.682
Yxy	82.9670, 0.3149, 0.3260
Android (android.graphics.Color)	4293913068 (0xFFEFE9EC)
YUV	235.1360, 0.4260, 3.3887
Hunter-Lab	91.0862, -2.3380, 4.2553

Details

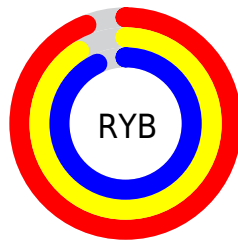
The CIELCh color $93, 2.654, 343.682$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94, 2.629, 163.641$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 2.791, 343.779$ is the 20% darker color. If you saturate the color by 10%, you get $87, 13.381, 344.704$, and if you desaturate by 10%, it is $99, 6.453, 167.366$.

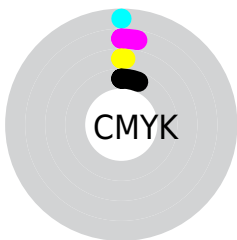
Distribution



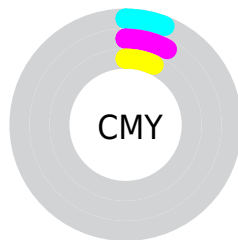
- Red (94%)
- Green (91%)
- Blue (93%)



- Red (94%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.654, 343.682 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, 2.654, 343.682 by changing the saturation by 10% instead.

 93, 2.654, 343.682

 93, 2.654, 343.682

 100, 2.654,
343.682

 83, 2.654, 343.682

 73, 2.654, 343.682

 63, 2.654, 343.682

 53, 2.654, 343.682

 43, 2.654, 343.682

 33, 2.654, 343.682

 23, 2.654, 343.682

 13, 2.654, 343.682

 3, 2.654, 343.682

93, 2.654, 343.682

93, 2.654, 343.682

87, 13.381,
344.704

99, 6.453, 167.366

99, 5.381, 199.187

81, 24.313,
345.681

75, 35.277,
346.772

70, 45.999,
348.022

65, 56.083,
349.490

60, 65.014,
351.259

57, 72.221,
353.449

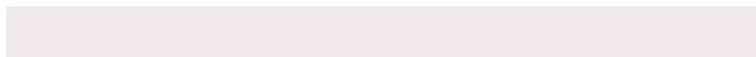
54, 77.223,
356.211

■ 52,79.858,
359.711

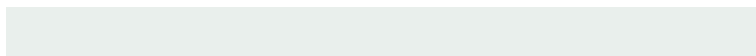
Harmonies

Complementary

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



93, 2.654, 343.682



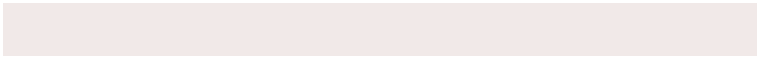
94, 2.629, 163.641

Rectangle

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



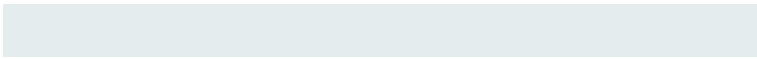
93, 2.654, 343.682



93, 2.654, 33.682



93, 2.654, 163.682



93, 2.654, 213.682

Sweetspot

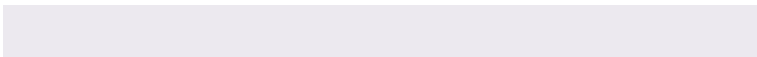
The Sweet Spot groups the original color and five complimentary colors.



93, 2.652, 343.699



99, 1.116, 343.315



93, 3.293, 309.137



53, 0.635, 343.289



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, 2.652, 343.699



98, 3.343, 343.770



93, 2.140, 19.262



49, 2.410, 343.865



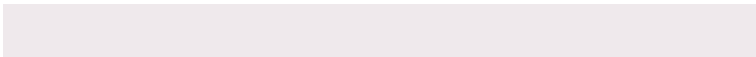
39, 66.216, 2.011



8, 29.441, 355.589

Inverse Universe

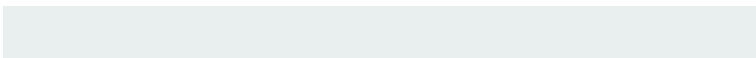
The Inverse Universe completely reimagines the original color for something new.



93, 2.652, 343.699



98, 3.343, 343.770



94, 2.105, 199.565



49, 2.410, 343.865



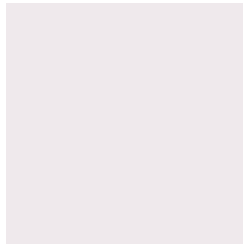
39, 66.216, 2.011



8, 29.441, 355.589

Previews

White Background



This preview shows how the CIE LCh color 93, 2.654, 343.682 looks on a white background.

Color Contrast Check

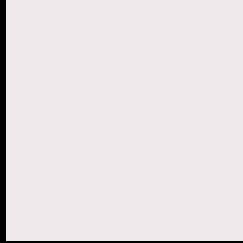
Large Text (above 18pt) WCAG AA × Fail

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, 2.654, 343.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

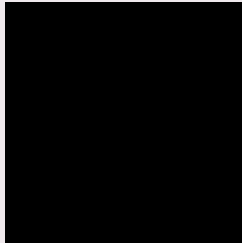
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

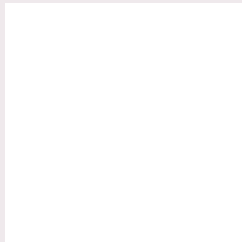
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.654, 343.682

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.654, 343.682.

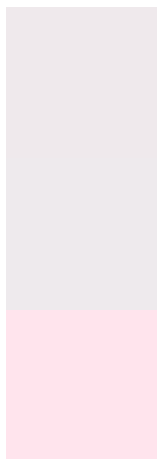


This preview shows how white text looks on a background with the CIELCh color 93, 2.654, 343.682.

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, 2.654, 343.682

Protanopia

93, 2.119, 332.275

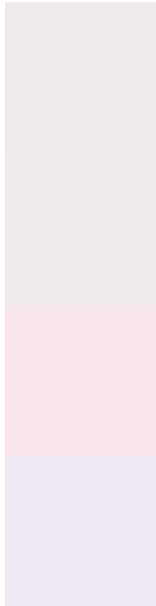
Deuteranopia

93, 10.757, 354.656



Tritanopia
93, 10.463, 310.301

Trichromacy



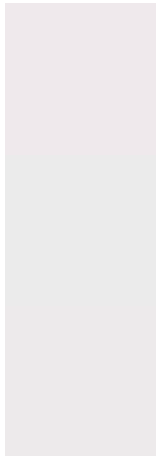
Original Color
93, 2.654, 343.682

Protanomaly
93, 2.119, 332.275

Deuteranomaly
93, 7.713, 352.034

Tritanomaly
93, 7.314, 313.190

Monochromacy



Original Color
93, 2.654, 343.682

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.195, 353.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.654, 343.682 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(239, 233, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 236)  
}
```

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(239, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.654, 343.682 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(239, 233, 236) }
```

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

```
.border{ border-color:rgb(239, 233, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.654, 343.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 236) }
```

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

```
.background{ background-color: rgb(239,  
233, 236) }
```

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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