

Converting Colors

CIELCh(93, 4.048, 324.857)

Have a look what the booklet for
CIELCh(93, 4.048, 324.857) contains.

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Color

CIELCh(93, 3.781, 324.502)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9EF
RGB	239, 233, 239
RGB Percent	94%, 91%, 94%
CMY	0.0622, 0.0857, 0.0622
CMYK	0.00, 0.03, 0.00, 0.06
HSL	300°, 16%, 93%
HSV	300°, 3%, 94%
XYZ	80.4178, 82.9670, 93.5402
YIQ	235.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

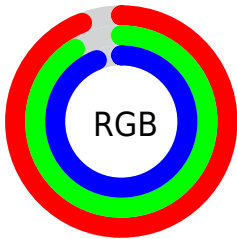
Format	Color
R _Y B	239, 233, 239
Decimal	15722991
CIE Lab	93.00, 3.08, -2.20
CIE LCh	93, 3.781, 324.502
Yxy	82.9670, 0.3130, 0.3229
Android (android.graphics.Color)	4293913071 (0xFFEFE9EF)
YUV	235.4780, 1.7363, 3.0888
Hunter-Lab	91.0862, -1.8076, 2.8730

Details

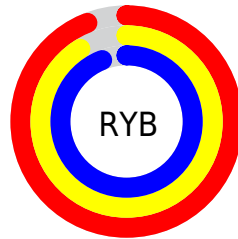
The CIELCh color `93, 3.781, 324.502` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 3.759, 144.380`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 3.976, 324.559` is the 20% darker color. If you saturate the color by 10%, you get `87, 18.942, 325.115`, and if you desaturate by 10%, it is `98, 9.871, 144.113`.

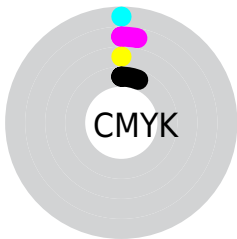
Distribution



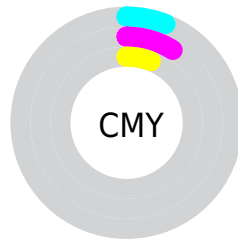
- Red (94%)
- Green (91%)
- Blue (94%)



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



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



- Cyan (6%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.781, 324.502 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, 3.781, 324.502 by changing the saturation by 10% instead.

93, 3.781, 324.502

93, 3.781, 324.502

100, 3.781,
324.502

83, 3.781, 324.502

73, 3.781, 324.502

63, 3.781, 324.502

53, 3.781, 324.502

43, 3.781, 324.502

33, 3.781, 324.502

23, 3.781, 324.502

13, 3.781, 324.502

3, 3.781, 324.502

93, 3.781, 324.502

93, 3.781, 324.502

87, 18.942,
325.115

98, 9.871, 144.113

82, 34.171,
325.671

98, 9.871, 144.112

76, 49.192,
326.206

98, 9.871, 144.112

71, 63.623,
326.709

98, 9.870, 144.111

67, 76.965,
327.162

98, 9.870, 144.110

63, 88.640,
327.549

98, 9.870, 144.109

60, 98.062,
327.853

98, 9.870, 144.109

58, 104.786,
328.067

■ 57,108.668,
328.188

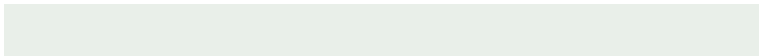
Harmonies

Complementary

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



93, 3.781, 324.502



94, 3.759, 144.380

Rectangle

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



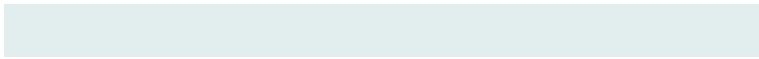
93, 3.781, 324.502



93, 3.781, 14.502



93, 3.781, 144.502



93, 3.781, 194.502

Sweetspot

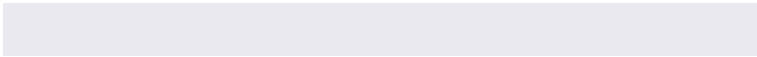
The Sweet Spot groups the original color and five complimentary colors.



93, 3.778, 324.502



99, 1.592, 324.303



93, 3.053, 289.784



53, 0.905, 324.290



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, 3.778, 324.502



98, 4.763, 324.542



93, 2.683, 342.796



49, 3.432, 324.599



44, 90.297, 328.232



10, 39.418, 328.232

Inverse Universe

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



93, 2.140, 19.261



98, 2.702, 19.342



94, 2.660, 162.734



49, 1.953, 19.441



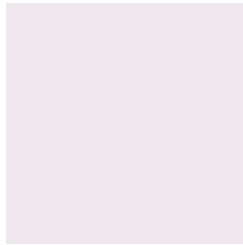
38, 81.702, 39.995



8, 29.836, 23.806

Previews

White Background



This preview shows how the CIELCh color 93, 3.781, 324.502 looks on a white background.

Color Contrast Check

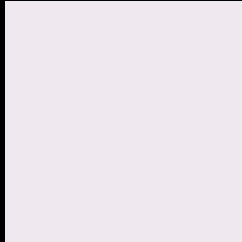
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 3.781, 324.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

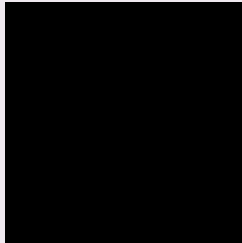
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

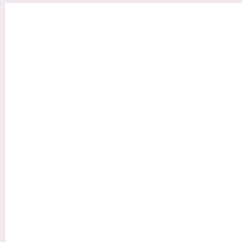
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.781, 324.502

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.781, 324.502.

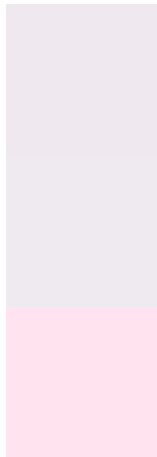


This preview shows how white text looks on a background with the CIELCh color 93, 3.781, 324.502.

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, 3.781, 324.502

Protanopia

93, 2.965, 318.824

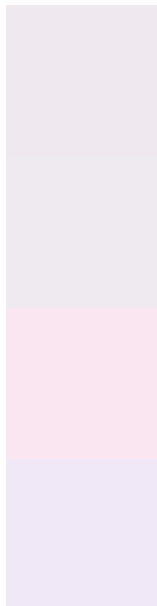
Deuteranopia

93, 11.481, 347.659



Tritanopia
93, 10.463, 310.301

Trichromacy



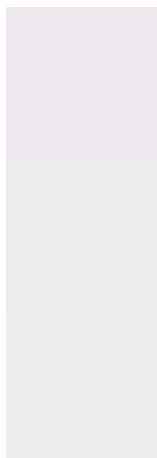
Original Color
93, 3.781, 324.502

Protanomaly
93, 2.965, 318.824

Deuteranomaly
93, 8.535, 342.828

Tritanomaly
93, 7.792, 311.743

Monochromacy



Original Color
93, 3.781, 324.502

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.267, 324.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.781, 324.502 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, 239)` looks like.

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

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, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 93, 3.781, 324.502 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, 239) }
```

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

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

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, 239)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 93, 3.781, 324.502 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, 239) }
```

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

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

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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