

Converting Colors

CIELCh(93, 7.788, 345.890)

Have a look what the booklet for
CIELCh(93, 7.788, 345.890) contains.

CIELCh(93, 7.945, 344.197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 7.945, 344.197)

Conversions

Conversions Part 1

Format	Color
Hex	F8E6EF
RGB	248, 230, 239
RGB Percent	97%, 90%, 94%
CMY	0.0265, 0.0971, 0.0618
CMYK	0.00, 0.07, 0.04, 0.03
HSL	330°, 57%, 94%
HSV	330°, 7%, 97%
XYZ	82.7700, 82.9670, 93.4932
YIQ	236.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

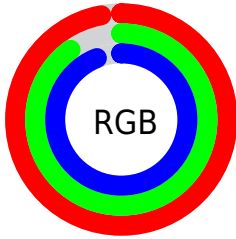
Format	Color
R _Y B	248, 230, 239
Decimal	16312047
CIE Lab	93.00, 7.64, -2.16
CIE LCh	93, 7.945, 344.197
Yxy	82.9670, 0.3193, 0.3201
Android (android.graphics.Color)	4294502127 (0xFFFF8E6EF)
YUV	236.4080, 1.2779, 10.1662
Hunter-Lab	91.0862, 2.8019, 2.9036

Details

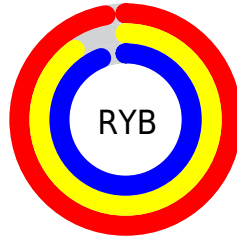
The CIELCh color `93, 7.945, 344.197` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.859, 163.113`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 7.734, 345.967` is the 20% darker color. If you saturate the color by 10%, you get `87, 19.111, 345.148`, and if you desaturate by 10%, it is `99, 2.921, 163.845`.

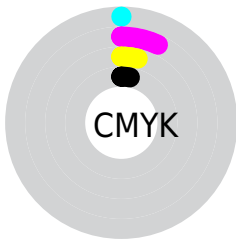
Distribution



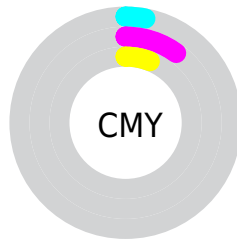
- Red (97%)
- Green (90%)
- Blue (94%)



- Red (97%)
- Yellow (90%)
- Blue (94%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.945, 344.197 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, 7.945, 344.197 by changing the saturation by 10% instead.

 93, 7.945, 344.197

 93, 7.945, 344.197

 100, 7.945,
344.197

 83, 7.945, 344.197

 73, 7.945, 344.197

 63, 7.945, 344.197

 53, 7.945, 344.197

 43, 7.945, 344.197

 33, 7.945, 344.197

 23, 7.945, 344.197

 13, 7.945, 344.197

 3, 7.945, 344.197

93, 7.945, 344.197

93, 7.945, 344.197

87, 19.111,
345.148

99, 2.921, 163.845

81, 30.416,
346.175

100, 2.344,
199.539

75, 41.632,
347.338

69, 52.418,
348.687

65, 62.302,
350.291

60, 70.708,
352.251

57, 77.068,
354.703

55, 81.013,
357.812

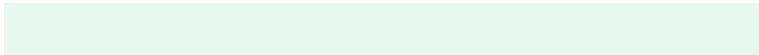
Harmonies

Complementary

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



93, 7.945, 344.197



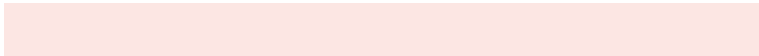
96, 7.859, 163.113

Rectangle

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



93, 7.945, 344.197



93, 7.945, 34.197



93, 7.945, 164.197



93, 7.945, 214.197

Sweetspot

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



93, 7.942, 344.203



99, 2.228, 343.603



93, 9.866, 309.378



53, 1.267, 343.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

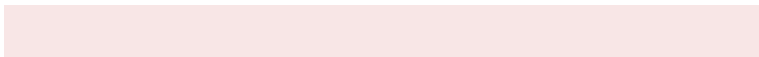
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.942, 344.203



94, 10.097, 344.368



93, 6.498, 19.761



49, 6.277, 344.414



41, 67.571, 2.082



10, 31.064, 356.227

Inverse Universe

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



93, 7.942, 344.203



94, 10.097, 344.368



96, 6.207, 199.109



49, 6.277, 344.414



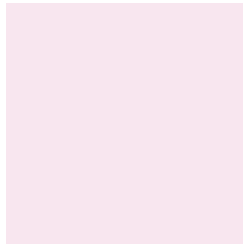
41, 67.571, 2.082



10, 31.064, 356.227

Previews

White Background



This preview shows how the CIELCh color 93, 7.945, 344.197 looks on a white background.

Color Contrast Check

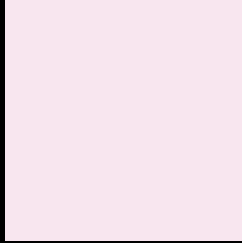
Large Text (above 18pt) WCAG AA × Fail

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, 7.945, 344.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

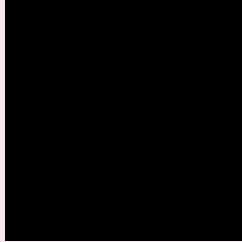
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

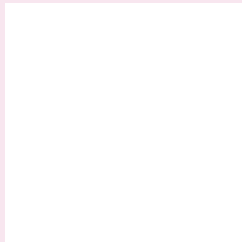
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.945, 344.197

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.945, 344.197.

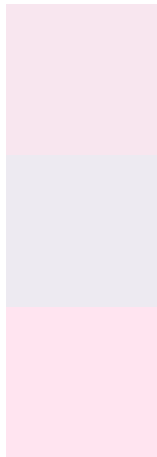


This preview shows how white text looks on a background with the CIELCh color 93, 7.945, 344.197.

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, 7.945, 344.197

Protanopia

93, 3.785, 306.644

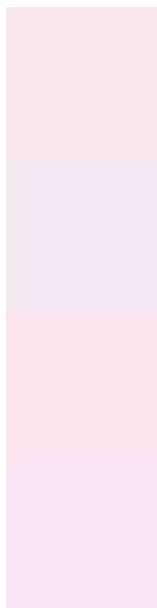
Deuteranopia

93, 11.481, 347.659



Tritanopia
93, 11.709, 327.710

Trichromacy



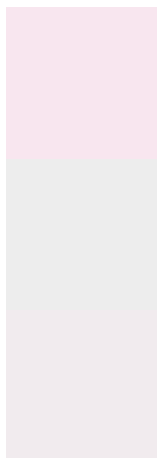
Original Color
93, 7.945, 344.197

Protanomaly
93, 4.619, 328.167

Deuteranomaly
93, 10.296, 346.742

Tritanomaly
93, 10.530, 332.828

Monochromacy



Original Color
93, 7.945, 344.197

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.650, 343.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.945, 344.197 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(248, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(248, 230, 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(248, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 230, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.945, 344.197 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(248, 230, 239) }
```

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

```
.border{ border-color:rgb(248, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(248, 230,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.945, 344.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 230, 239) }
```

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

```
.background{ background-color: rgb(248,  
230, 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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