

Converting Colors

CIELCh(93, 4.788, 344.411)

Have a look what the booklet for
CIELCh(93, 4.788, 344.411) contains.

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Color

CIELCh(93, 4.712, 346.460)

Conversions

Conversions Part 1

Format	Color
Hex	F3E8ED
RGB	243, 232, 237
RGB Percent	95%, 91%, 93%
CMY	0.0466, 0.0898, 0.0702
CMYK	0.00, 0.05, 0.02, 0.05
HSL	333°, 32%, 93%
HSV	333°, 5%, 95%
XYZ	81.1869, 82.9670, 91.9372
YIQ	235.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

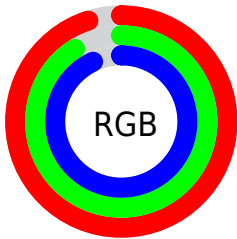
Format	Color
R_{YB}	243, 232, 237
Decimal	15984877
CIE _{Lab}	93.00, 4.58, -1.10
CIE _{LCh}	93, 4.712, 346.460
Yxy	82.9670, 0.3170, 0.3240
Android (android.graphics.Color)	4294174957 (0xFFFF3E8ED)
YUV	235.8590, 0.5625, 6.2627
Hunter-Lab	91.0862, -0.3004, 3.9164

Details

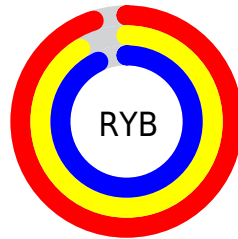
The CIELCh color $93, 4.712, 346.460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95, 4.664, 165.906$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 4.957, 346.593$ is the 20% darker color. If you saturate the color by 10%, you get $87, 15.322, 347.467$, and if you desaturate by 10%, it is $99, 4.785, 169.787$.

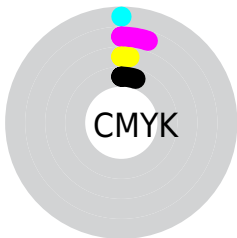
Distribution



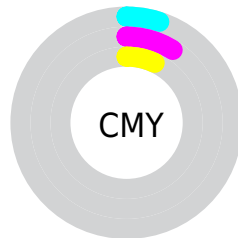
- Red (95%)
- Green (91%)
- Blue (93%)



- Red (95%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 4.712, 346.460 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, 4.712, 346.460 by changing the saturation by 10% instead.

 93, 4.712, 346.460

 93, 4.712, 346.460

 100, 4.712,
346.460

 83, 4.712, 346.460


 73, 4.712, 346.460


 63, 4.712, 346.460


 53, 4.712, 346.460

 43, 4.712, 346.460

 33, 4.712, 346.460

 23, 4.712, 346.460

 13, 4.712, 346.460

 3, 4.712, 346.460

93, 4.712, 346.460

93, 4.712, 346.460

87, 15.322,
347.467

99, 4.785, 169.787

99, 4.104, 199.306

81, 26.144,
348.520

75, 36.994,
349.716

69, 47.584,
351.109

64, 57.501,
352.774

60, 66.221,
354.816

57, 73.188,
357.378

54, 77.984, 0.632

 53, 80.581, 4.745

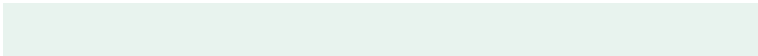
Harmonies

Complementary

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



93, 4.712, 346.460



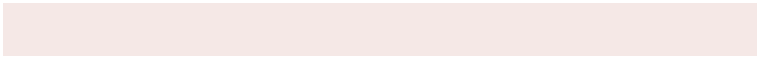
95, 4.664, 165.906

Rectangle

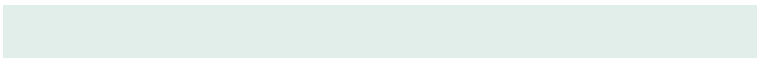
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



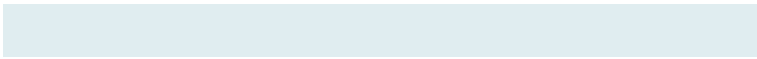
93, 4.712, 346.460



93, 4.712, 36.460



93, 4.712, 166.460



93, 4.712, 216.460

Sweetspot

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



93, 4.710, 346.471



99, 1.082, 345.804



93, 6.074, 310.394



53, 0.615, 345.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

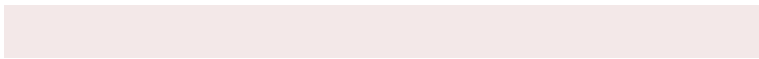
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 4.710, 346.471



97, 5.414, 346.524



93, 3.814, 22.336



49, 3.576, 346.596



40, 66.643, 6.417



9, 29.901, 359.531

Inverse Universe

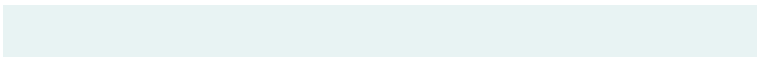
The Inverse Universe completely reimagines the original color for something new.



93, 4.710, 346.471



97, 5.414, 346.524



95, 3.705, 202.250



49, 3.576, 346.596



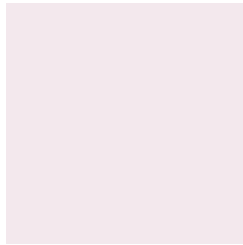
40, 66.643, 6.417



9, 29.901, 359.531

Previews

White Background



This preview shows how the CIE LCh color 93, 4.712, 346.460 looks on a white background.

Color Contrast Check

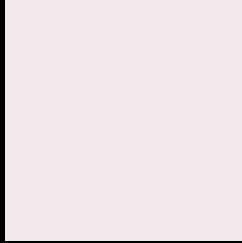
Large Text (above 18pt) WCAG AA × Fail

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, 4.712, 346.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

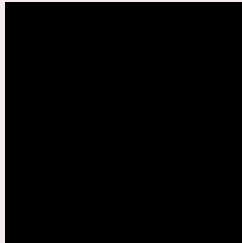
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

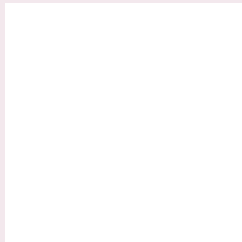
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.712, 346.460

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.712, 346.460.



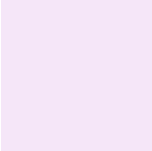
This preview shows how white text looks on a background with the CIELCh color 93, 4.712, 346.460.

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](#).

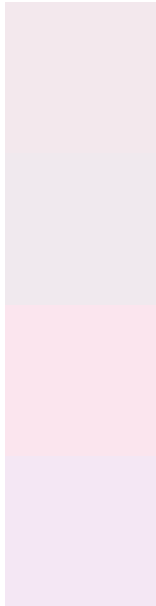
Dichromacy





Tritanopia
93, 10.732, 320.106

Trichromacy



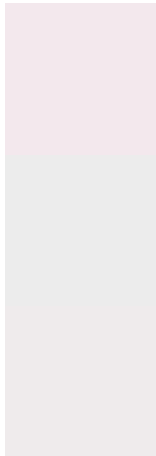
Original Color
93, 4.712, 346.460

Protanomaly
93, 3.605, 333.805

Deuteranomaly
93, 9.154, 349.598

Tritanomaly
93, 8.169, 324.699

Monochromacy



Original Color
93, 4.712, 346.460

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.521, 359.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.712, 346.460 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(243, 232, 237)` looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 237)  
}
```

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(243, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.712, 346.460 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(243, 232, 237) }
```

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

```
.border{ border-color:rgb(243, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 232,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.712, 346.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 237) }
```

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

```
.background{ background-color: rgb(243,  
232, 237) }
```

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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