

Converting Colors

CIELCh(93, 8.518, 341.663)

Have a look what the booklet for
CIELCh(93, 8.518, 341.663) contains.

CIELCh(93, 8.535, 342.828)	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, 8.535, 342.828)

Conversions

Conversions Part 1

Format	Color
Hex	F9E6F0
RGB	249, 230, 240
RGB Percent	98%, 90%, 94%
CMY	0.0238, 0.0983, 0.0591
CMYK	0.00, 0.08, 0.04, 0.02
HSL	328°, 61%, 94%
HSV	328°, 8%, 98%
XYZ	83.0354, 82.9670, 94.0198
YIQ	236.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

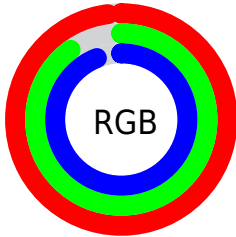
Format	Color
R _Y B	249, 230, 240
Decimal	16377584
CIE Lab	93.00, 8.15, -2.52
CIE LCh	93, 8.535, 342.828
Yxy	82.9670, 0.3193, 0.3191
Android (android.graphics.Color)	4294567664 (0xFFFF9E6F0)
YUV	236.8210, 1.5672, 10.6810
Hunter-Lab	91.0862, 3.3220, 2.5609

Details

The CIELCh color **93, 8.535, 342.828** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.449, 161.696**, 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, 8.347, 344.378** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.921, 343.751**, and if you desaturate by 10%, it is **99, 2.602, 162.263**.

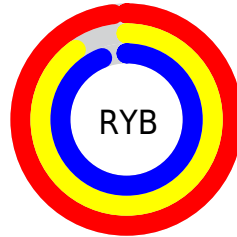
Distribution



Red (98%)

Green (90%)

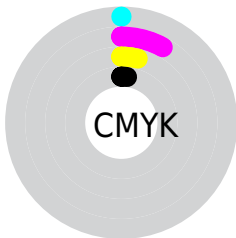
Blue (94%)



Red (98%)

Yellow (90%)

Blue (94%)

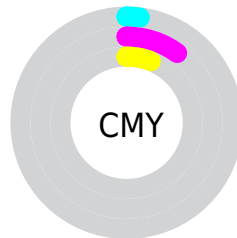


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (10%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.535, 342.828 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, 8.535, 342.828 by changing the saturation by 10% instead.

 93, 8.535, 342.828

 93, 8.535, 342.828

 100, 8.535,
342.828

 83, 8.535, 342.828

 73, 8.535, 342.828

 63, 8.535, 342.828

 53, 8.535, 342.828

 43, 8.535, 342.828

 33, 8.535, 342.828

 23, 8.535, 342.828

 13, 8.535, 342.828

 3, 8.535, 342.828

93, 8.535, 342.828

93, 8.535, 342.828

87, 19.921,
343.751

99, 2.602, 162.263

81, 31.420,
344.747

100, 2.105,
199.586

75, 42.795,
345.868

69, 53.688,
347.159

65, 63.613,
348.684

61, 71.984,
350.537

57, 78.222,
352.842

55, 81.956,
355.756

■ 54, 83.306,
359.417

Harmonies

Complementary

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



93, 8.535, 342.828



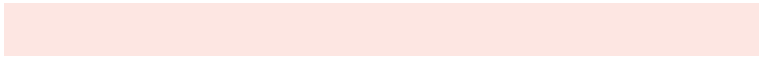
96, 8.449, 161.696

Rectangle

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



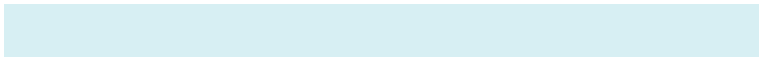
93, 8.535, 342.828



93, 8.535, 32.828



93, 8.535, 162.828



93, 8.535, 212.828

Sweetspot

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



93, 8.532, 342.833



99, 2.269, 342.216



92, 10.342, 308.237



53, 1.290, 342.197



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

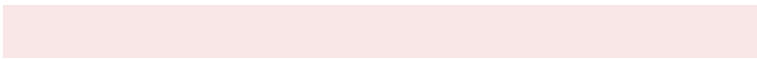
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.532, 342.833



94, 10.278, 342.959



93, 6.866, 17.080



49, 6.390, 343.003



41, 67.924, 359.596



10, 31.334, 354.175

Inverse Universe

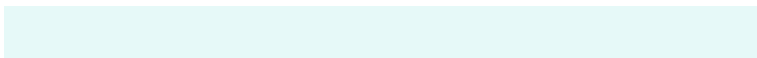
The Inverse Universe completely reimagines the original color for something new.



93, 8.532, 342.833



94, 10.278, 342.959



97, 6.561, 196.243



49, 6.390, 343.003



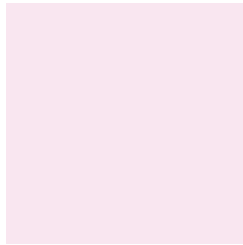
41, 67.924, 359.596



10, 31.334, 354.175

Previews

White Background



This preview shows how the CIELCh color 93, 8.535, 342.828 looks on a white background.

Color Contrast Check

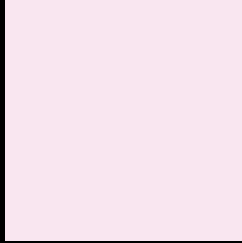
Large Text (above 18pt) WCAG AA × Fail

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, 8.535, 342.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

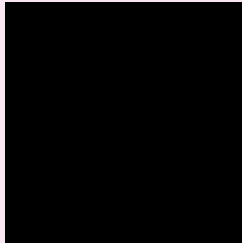
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 8.535, 342.828

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.535, 342.828.

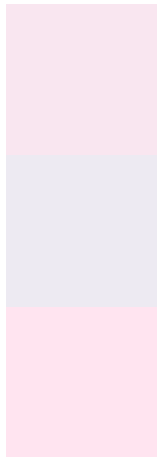


This preview shows how white text looks on a background with the CIELCh color 93, 8.535, 342.828.

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, 8.535, 342.828

Protanopia

93, 4.282, 304.736

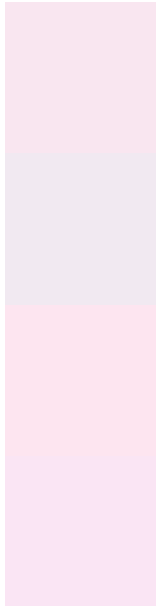
Deuteranopia

93, 11.481, 347.659



Tritanopia
93, 11.925, 329.085

Trichromacy



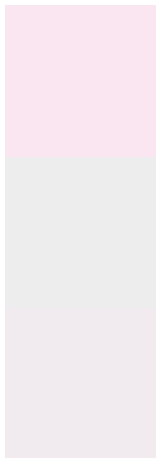
Original Color
93, 8.535, 342.828

Protanomaly
93, 5.034, 324.566

Deuteranomaly
93, 10.296, 346.742

Tritanomaly
93, 10.773, 334.248

Monochromacy



Original Color
93, 8.535, 342.828

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.251, 340.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.535, 342.828 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(249, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 240)  
}
```

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(249, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.535, 342.828 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(249, 230, 240) }
```

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

```
.border{ border-color:rgb(249, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.535, 342.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 240) }
```

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

```
.background{ background-color: rgb(249,  
230, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor