

Converting Colors

CIELCh(93, 6.546, 338.374)

Have a look what the booklet for
CIELCh(93, 6.546, 338.374) contains.

CIELCh(93, 6.834, 337.043)	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, 6.834, 337.043)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7F0
RGB	245, 231, 240
RGB Percent	96%, 91%, 94%
CMY	0.0387, 0.0935, 0.0583
CMYK	0.00, 0.06, 0.02, 0.04
HSL	321°, 42%, 93%
HSV	321°, 6%, 96%
XYZ	82.0689, 82.9670, 94.2357
YIQ	236.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

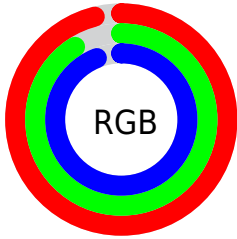
Format	Color
R _Y B	245, 231, 240
Decimal	16115696
CIE Lab	93.00, 6.29, -2.67
CIE LCh	93, 6.834, 337.043
Yxy	82.9670, 0.3165, 0.3200
Android (android.graphics.Color)	4294305776 (0xFFFF5E7F0)
YUV	236.2120, 1.8675, 7.7071
Hunter-Lab	91.0862, 1.4280, 2.4203

Details

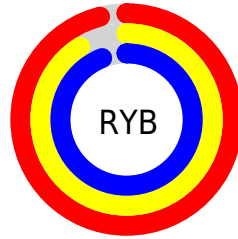
The CIELCh color **93, 6.834, 337.043** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.793, 156.342**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.185, 337.172** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.950, 337.846**, and if you desaturate by 10%, it is **99, 4.659, 157.571**.

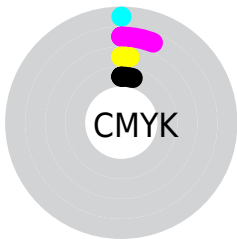
Distribution



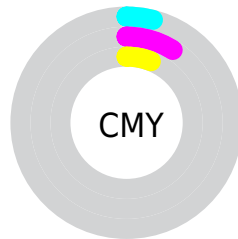
- Red (96%)
- Green (91%)
- Blue (94%)



- Red (96%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.834, 337.043 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, 6.834, 337.043 by changing the saturation by 10% instead.

 93, 6.834, 337.043

 93, 6.834, 337.043

 100, 6.834,
337.043

 83, 6.834, 337.043

 73, 6.834, 337.043

 63, 6.834, 337.043

 53, 6.834, 337.043

 43, 6.834, 337.043

 33, 6.834, 337.043

 23, 6.834, 337.043

 13, 6.834, 337.043

 3, 6.834, 337.043

93, 6.834, 337.043

93, 6.834, 337.043

87, 18.950,
337.846

99, 4.659, 157.571

99, 3.409, 199.383

81, 31.149,
338.676

75, 43.190,
339.575

70, 54.715,
340.568

65, 65.239,
341.685

61, 74.171,
342.977

58, 80.899,
344.514

56, 84.967,
346.392

■ 54, 86.296,
348.718

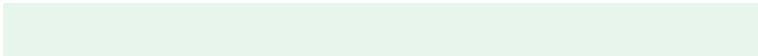
Harmonies

Complementary

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



93, 6.834, 337.043



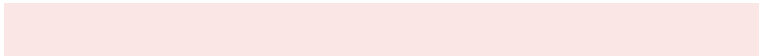
95, 6.793, 156.342

Rectangle

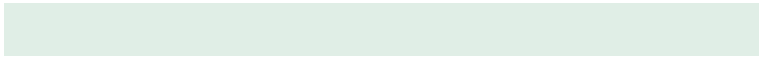
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 6.834, 337.043



93, 6.834, 27.043



93, 6.834, 157.043



93, 6.834, 207.043

Sweetspot

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



93, 6.831, 337.047



99, 2.466, 336.667



92, 7.466, 303.963



53, 1.402, 336.651



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

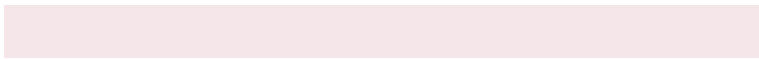
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.831, 337.047



95, 8.657, 337.155



93, 5.142, 7.521



49, 5.443, 337.201



41, 70.444, 349.334



9, 32.191, 345.643

Inverse Universe

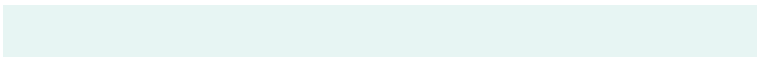
The Inverse Universe completely reimagines the original color for something new.



93, 6.831, 337.047



95, 8.657, 337.155



96, 5.007, 186.776



49, 5.443, 337.201



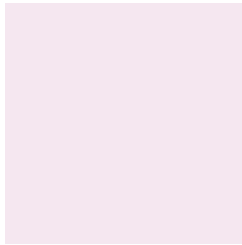
41, 70.444, 349.334



9, 32.191, 345.643

Previews

White Background



This preview shows how the CIELCh color 93, 6.834, 337.043 looks on a white background.

Color Contrast Check

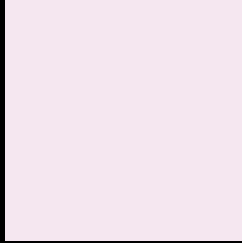
Large Text (above 18pt) WCAG AA × Fail

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, 6.834, 337.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

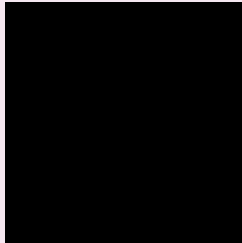
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

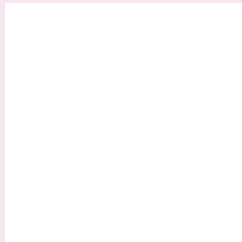
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.834, 337.043

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.834, 337.043.

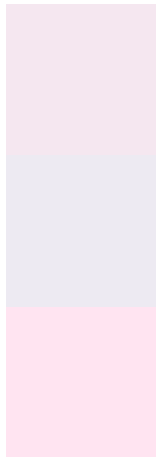


This preview shows how white text looks on a background with the CIELCh color 93, 6.834, 337.043.

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, 6.834, 337.043

Protanopia

93, 4.282, 304.736

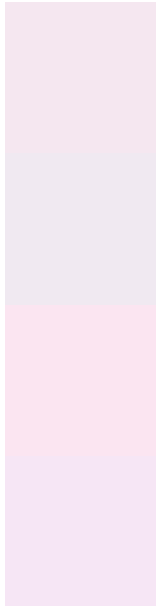
Deuteranopia

93, 11.758, 345.534



Tritanopia
93, 10.910, 321.726

Trichromacy



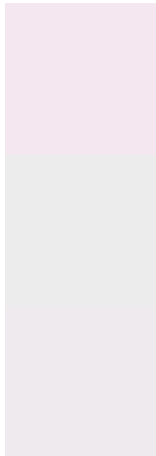
Original Color
93, 6.834, 337.043

Protanomaly
93, 4.842, 321.108

Deuteranomaly
93, 10.011, 341.940

Tritanomaly
93, 9.626, 326.501

Monochromacy



Original Color
93, 6.834, 337.043

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.742, 330.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.834, 337.043 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(245, 231, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 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(245, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.834, 337.043 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(245, 231, 240) }
```

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

```
.border{ border-color:rgb(245, 231, 240) }
```

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

Here you see how a box with a 4 pixel rgb(245, 231, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.834, 337.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 240) }
```

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

```
.background{ background-color: rgb(245,  
231, 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