

Converting Colors

CIELCh(93, 7.069, 307.940)

Have a look what the booklet for
CIELCh(93, 7.069, 307.940) contains.

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Color

CIELCh(93, 7.064, 307.939)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9F6
RGB	239, 233, 246
RGB Percent	94%, 91%, 96%
CMY	0.0643, 0.0878, 0.0368
CMYK	0.03, 0.05, 0.00, 0.04
HSL	268°, 41%, 94%
HSV	268°, 5%, 96%
XYZ	81.0648, 82.9670, 98.6115
YIQ	236.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

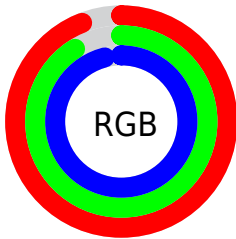
Format	Color
R _Y B	239, 233, 246
Decimal	15722998
CIE Lab	93.00, 4.34, -5.57
CIE LCh	93, 7.064, 307.939
Yxy	82.9670, 0.3086, 0.3159
Android (android.graphics.Color)	4293913078 (0xFFEFE9F6)
YUV	236.2760, 4.7939, 2.3889
Hunter-Lab	91.0862, -0.5397, -0.4280

Details

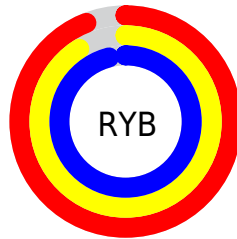
The CIELCh color $93, 7.064, 307.939$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 6.989, 127.485$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 7.429, 308.012$ is the 20% darker color. If you saturate the color by 10%, you get $86, 20.709, 308.443$, and if you desaturate by 10%, it is $100, 4.897, 122.995$.

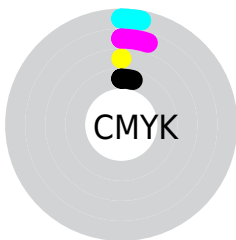
Distribution



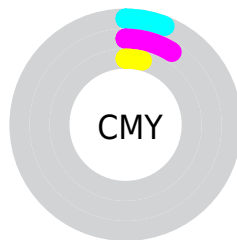
- Red (94%)
- Green (91%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.064, 307.939 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, 7.064, 307.939 by changing the saturation by 10% instead.

 93, 7.064, 307.939

 93, 7.064, 307.939

 100, 7.064,
307.939

 83, 7.064, 307.939

 73, 7.064, 307.939

 63, 7.064, 307.939

 53, 7.064, 307.939

 43, 7.064, 307.939

 33, 7.064, 307.939

 23, 7.064, 307.939

 13, 7.064, 307.939

 3, 7.064, 307.939

93, 7.064, 307.939

93, 7.064, 307.939

86, 20.709,
308.443

100, 4.897,
122.995

79, 34.747,
308.990

100, 4.753,
109.807

72, 49.099,
309.573

65, 63.609,
310.172

59, 77.988,
310.748

52, 91.737,
311.240

47, 104.081,
311.554

43, 113.989,
311.568

■ 39,120.463,
311.156

Harmonies

Complementary

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



93, 7.064, 307.939



96, 6.989, 127.485

Rectangle

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



93, 7.064, 307.939



93, 7.064, 357.939



93, 7.064, 127.939



93, 7.064, 177.939

Sweetspot

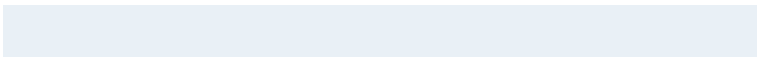
The Sweet Spot groups the original color and five complimentary colors.



93, 7.062, 307.934



99, 2.745, 307.752



94, 3.869, 250.568



53, 1.561, 307.745



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, 7.062, 307.934



96, 8.265, 307.970



93, 8.027, 323.338



49, 5.306, 308.001



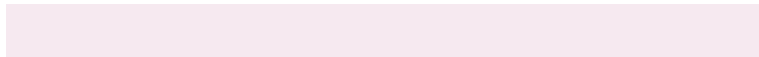
28, 99.328, 311.049



5, 41.386, 311.256

Inverse Universe

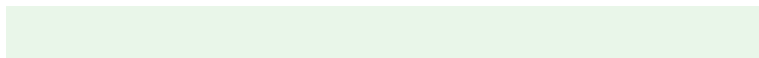
The Inverse Universe completely reimagines the original color for something new.



93, 5.886, 341.972



96, 6.888, 342.040



96, 8.002, 142.852



49, 4.421, 342.098



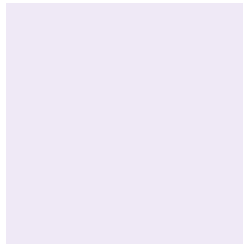
40, 67.463, 358.402



9, 30.664, 352.947

Previews

White Background



This preview shows how the CIELCh color 93, 7.064, 307.939 looks on a white background.

Color Contrast Check

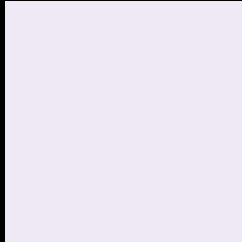
Large Text (above 18pt) WCAG AA × Fail

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, 7.064, 307.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

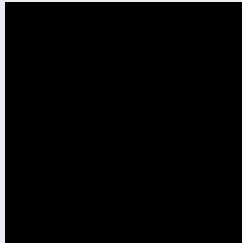
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

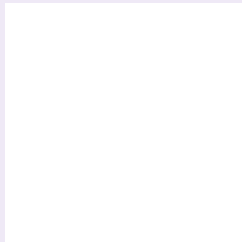
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.064, 307.939

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.064, 307.939.

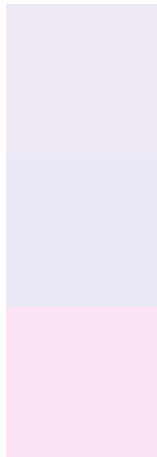


This preview shows how white text looks on a background with the CIELCh color 93, 7.064, 307.939.

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

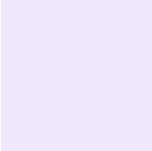
93, 7.064, 307.939

Protanopia

93, 6.816, 299.519

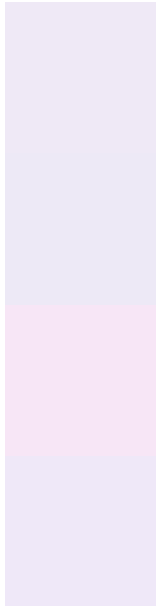
Deuteranopia

93, 13.001, 331.394



Tritanopia
93, 9.648, 305.455

Trichromacy



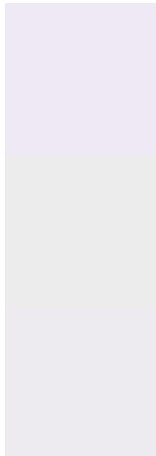
Original Color
93, 7.064, 307.939

Protanomaly
93, 6.882, 302.385

Deuteranomaly
93, 10.248, 326.418

Tritanomaly
93, 8.654, 307.150

Monochromacy



Original Color
93, 7.064, 307.939

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.198, 309.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.064, 307.939 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.064, 307.939 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, 246) }
```

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

```
.border{ border-color:rgb(239, 233, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.064, 307.939 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, 246) }
```

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

```
.background{ background-color: rgb(239,  
233, 246) }
```

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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