

Converting Colors

CIELCh(93, 7.931, 303.890)

Have a look what the booklet for
CIELCh(93, 7.931, 303.890) contains.

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Color

CIELCh(93, 7.967, 303.374)

Conversions

Conversions Part 1

Format	Color
Hex	EEE9F8
RGB	238, 233, 248
RGB Percent	93%, 91%, 97%
CMY	0.0680, 0.0875, 0.0288
CMYK	0.04, 0.06, 0.00, 0.03
HSL	260°, 51%, 94%
HSV	260°, 6%, 97%
XYZ	81.0851, 82.9670, 100.2751
YIQ	236.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

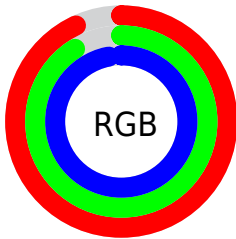
Format	Color
R _Y B	238, 233, 248
Decimal	15657464
CIE Lab	93.00, 4.38, -6.65
CIE LCh	93, 7.967, 303.374
Yxy	82.9670, 0.3068, 0.3139
Android (android.graphics.Color)	4293847544 (0xFFEEE9F8)
YUV	236.2050, 5.8149, 1.5742
Hunter-Lab	91.0862, -0.4999, -1.5109

Details

The CIELCh color `93, 7.967, 303.374` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 7.861, 122.724`, 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, 8.382, 303.472` is the 20% darker color. If you saturate the color by 10%, you get `86, 21.480, 303.988`, and if you desaturate by 10%, it is `100, 3.723, 114.308`.

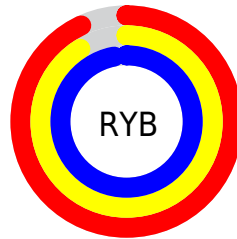
Distribution



Red (93%)

Green (91%)

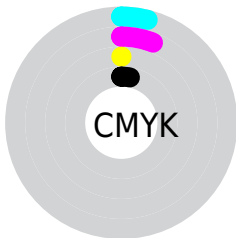
Blue (97%)



Red (93%)

Yellow (91%)

Blue (97%)

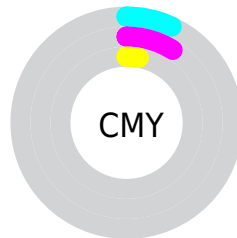


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (7%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.967, 303.374 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, 7.967, 303.374 by changing the saturation by 10% instead.

93, 7.967, 303.374

93, 7.967, 303.374

100, 7.967,
303.374

83, 7.967, 303.374

73, 7.967, 303.374

63, 7.967, 303.374

53, 7.967, 303.374

43, 7.967, 303.374

33, 7.967, 303.374

23, 7.967, 303.374

13, 7.967, 303.374

3, 7.967, 303.374

93, 7.967, 303.374

93, 7.967, 303.374

86, 21.480,
303.988

100, 3.723,
114.308

78, 35.459,
304.682

100, 3.708,
109.880

71, 49.862,
305.449

64, 64.579,
306.275

57, 79.371,
307.124

50, 93.766,
307.929

44, 106.937,
308.577

40, 117.658,
308.907

■ 36,124.614,
308.750

Harmonies

Complementary

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



93, 7.967, 303.374



97, 7.861, 122.724

Rectangle

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



93, 7.967, 303.374



93, 7.967, 353.374



93, 7.967, 123.374



93, 7.967, 173.374

Sweetspot

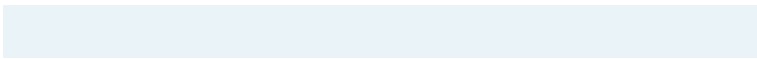
The Sweet Spot groups the original color and five complimentary colors.



93, 7.965, 303.368



98, 2.683, 303.123



95, 4.267, 234.243



53, 1.526, 303.116



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, 7.965, 303.368



95, 9.445, 303.425



94, 8.889, 319.551



49, 6.042, 303.460



26, 102.964, 308.769



4, 42.923, 308.080

Inverse Universe

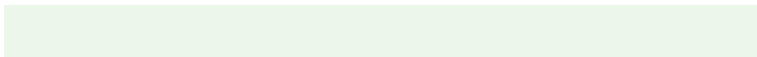
The Inverse Universe completely reimagines the original color for something new.



94, 7.432, 336.029



95, 8.808, 336.106



96, 8.847, 139.056



49, 5.632, 336.152



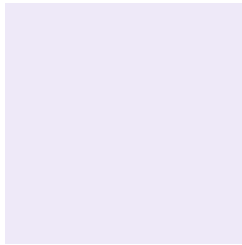
42, 72.115, 347.440



10, 33.484, 344.271

Previews

White Background



This preview shows how the CIELCh color 93, 7.967, 303.374 looks on a white background.

Color Contrast Check

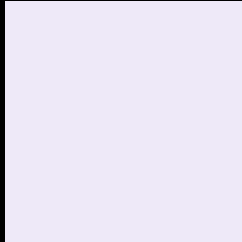
Large Text (above 18pt) WCAG AA × Fail

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, 7.967, 303.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

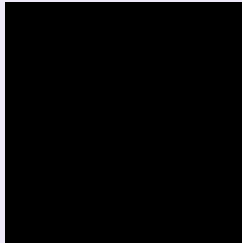
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 7.967, 303.374

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.967, 303.374.

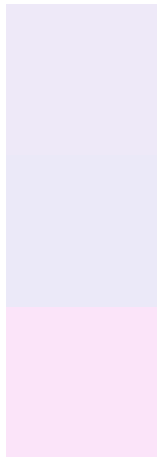


This preview shows how white text looks on a background with the CIELCh color 93, 7.967, 303.374.

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

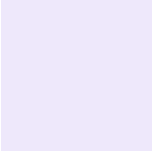
93, 7.967, 303.374

Protanopia

93, 7.795, 295.891

Deuteranopia

93, 13.576, 327.385



Tritanopia
93, 10.068, 302.824

Trichromacy



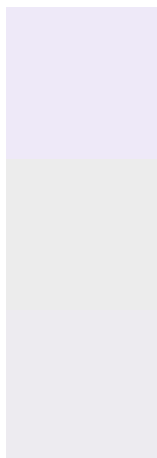
Original Color
93, 7.967, 303.374

Protanomaly
93, 7.837, 298.416

Deuteranomaly
93, 11.352, 320.384

Tritanomaly
93, 9.564, 303.443

Monochromacy



Original Color
93, 7.967, 303.374

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.691, 305.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.967, 303.374 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(238, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 248)  
}
```

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(238, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.967, 303.374 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(238, 233, 248) }
```

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

```
.border{ border-color:rgb(238, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.967, 303.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 248) }
```

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

```
.background{ background-color: rgb(238,  
233, 248) }
```

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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