

Converting Colors

CIELCh(93, 5.054, 13.798)

Have a look what the booklet for
CIELCh(93, 5.054, 13.798) contains.

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Color

CIELCh(93, 5.054, 13.798)

Conversions

Conversions Part 1

Format	Color
Hex	F6E8E9
RGB	246, 232, 233
RGB Percent	96%, 91%, 91%
CMY	0.0364, 0.0913, 0.0874
CMYK	0.00, 0.06, 0.05, 0.04
HSL	356°, 43%, 94%
HSV	356°, 6%, 96%
XYZ	81.3550, 82.9670, 88.6099
YIQ	236.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

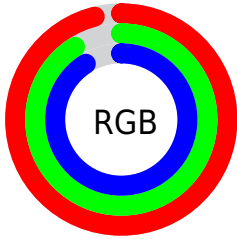
Format	Color
R_{YB}	246, 232, 233
Decimal	16181481
CIE _{Lab}	93.00, 4.91, 1.21
CIE _{LCh}	93, 5.054, 13.798
Yxy	82.9670, 0.3216, 0.3280
Android (android.graphics.Color)	4294371561 (0xFF6E8E9)
YUV	236.3000, -1.6269, 8.5069
Hunter-Lab	91.0862, 0.0289, 6.0823

Details

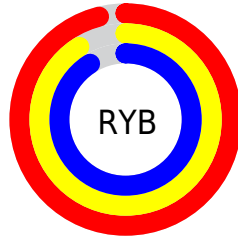
The CIELCh color **93, 5.054, 13.798** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.895, 193.224**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.334, 13.954** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.420, 14.798**, and if you desaturate by 10%, it is **99, 3.210, 199.408**.

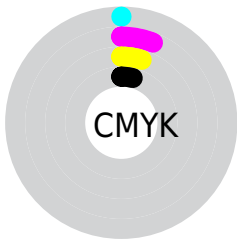
Distribution



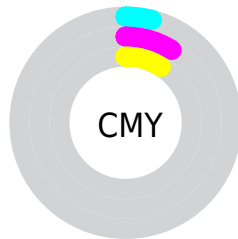
- Red (96%)
- Green (91%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.054, 13.798 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, 5.054, 13.798 by changing the saturation by 10% instead.

 93, 5.054, 13.798

 93, 5.054, 13.798

 100, 5.054, 13.798

 83, 5.054, 13.798

 73, 5.054, 13.798

 63, 5.054, 13.798

 53, 5.054, 13.798

 43, 5.054, 13.798

 33, 5.054, 13.798

 23, 5.054, 13.798

 13, 5.054, 13.798

 3, 5.054, 13.798

93, 5.054, 13.798

93, 5.054, 13.798

86, 14.420, 14.798

99, 3.210, 199.408

80, 24.422, 15.928

74, 35.002, 17.339

68, 46.020, 19.135

63, 57.229, 21.439

59, 68.284, 24.377

55, 78.792, 28.021

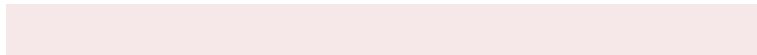
53, 88.331, 32.238

52, 96.188, 36.437

Harmonies

Complementary

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



93, 5.054, 13.798



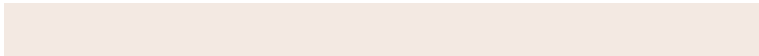
96, 4.895, 193.224

Rectangle

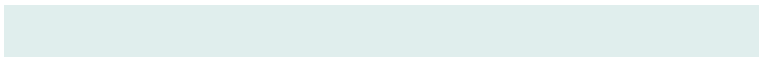
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



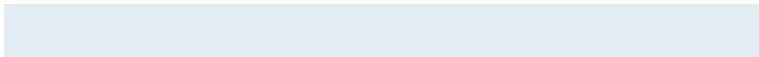
93, 5.054, 13.798



93, 5.054, 63.798



93, 5.054, 193.798



93, 5.054, 243.798

Sweetspot

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



93, 5.052, 13.820



99, 1.806, 13.298



93, 8.558, 322.431



53, 1.027, 13.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

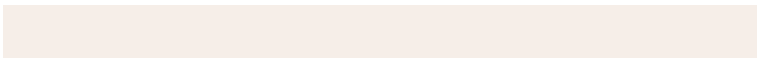
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.052, 13.820



95, 6.429, 13.952



94, 4.167, 65.170



48, 4.048, 14.008



39, 79.587, 37.217



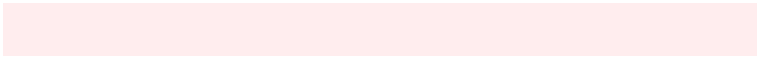
8, 30.592, 22.144

Inverse Universe

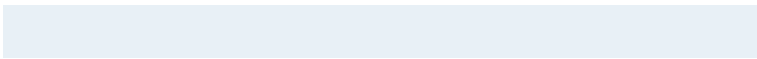
The Inverse Universe completely reimagines the original color for something new.



93, 5.052, 13.820



95, 6.429, 13.952



94, 4.090, 246.660



48, 4.048, 14.008



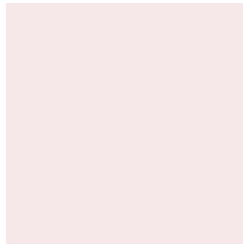
39, 79.587, 37.217



8, 30.592, 22.144

Previews

White Background



This preview shows how the CIELCh color 93, 5.054, 13.798 looks on a white background.

Color Contrast Check

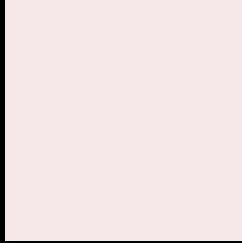
Large Text (above 18pt) WCAG AA × Fail

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, 5.054, 13.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

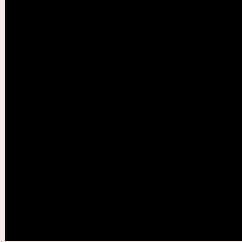
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

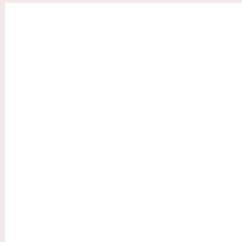
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.054, 13.798

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.054, 13.798.

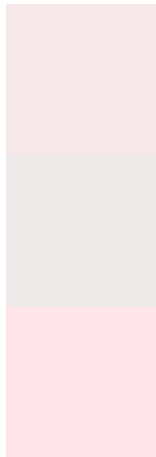


This preview shows how white text looks on a background with the CIELCh color 93, 5.054, 13.798.

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, 5.054, 13.798

Protanopia

93, 1.782, 19.178

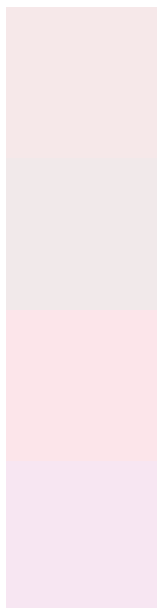
Deuteranopia

93, 10.222, 2.535



Tritanopia
93, 11.500, 326.288

Trichromacy



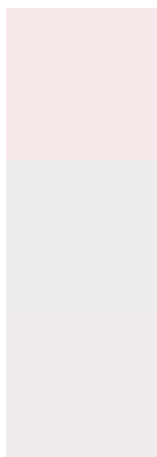
Original Color
93, 5.054, 13.798

Protanomaly
93, 2.908, 9.198

Deuteranomaly
93, 8.679, 2.734

Tritanomaly
93, 8.678, 334.472

Monochromacy



Original Color
93, 5.054, 13.798

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.205, 5.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.054, 13.798 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(246, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 232, 233)  
}
```

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(246, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 232, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.054, 13.798 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(246, 232, 233) }
```

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

```
.border{ border-color:rgb(246, 232, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 232,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.054, 13.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 232, 233) }
```

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

```
.background{ background-color: rgb(246,  
232, 233) }
```

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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