

Converting Colors

CIELCh(93, 57.281, 98.584)

Have a look what the booklet for
CIELCh(93, 57.281, 98.584) contains.

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Color

CIELCh(93, 57.310, 98.562)

Conversions

Conversions Part 1

Format	Color
Hex	FEED7B
RGB	254, 237, 123
RGB Percent	100%, 93%, 48%
CMY	0.0044, 0.0711, 0.5181
CMYK	0.00, 0.07, 0.52, 0.00
HSL	52°, 98%, 74%
HSV	52°, 52%, 100%
XYZ	74.6389, 82.9670, 30.7797
YIQ	229.0870, 46.7260, -31.8500

Conversions

Conversions Part 2

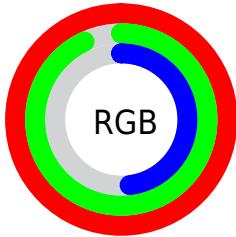
Format	Color
RYB	143, 254, 123
Decimal	16706939
CIELab	93.00, -8.53, 56.67
CIELCh	93, 57.310, 98.562
Yxy	82.9670, 0.3962, 0.4404
Android (android.graphics.Color)	4294897019 (0xFFFEED7B)
YUV	229.0870, -52.3009, 21.8487
Hunter-Lab	91.0862, -13.1324, 43.7252

Details

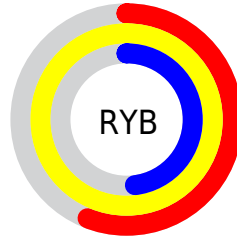
The CIELCh color **93, 57.310, 98.562** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 63.821, 292.771**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **73, 57.075, 98.362** is the 20% darker color. If you saturate the color by 10%, you get **92, 67.248, 97.460**, and if you desaturate by 10%, it is **94, 46.652, 99.691**.

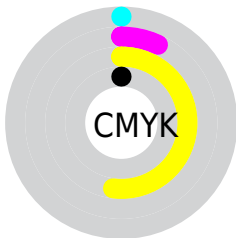
Distribution



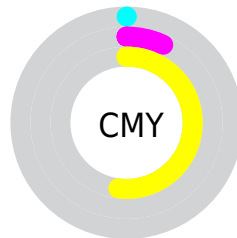
- Red (100%)
- Green (93%)
- Blue (48%)



- Red (56%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 57.310, 98.562 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, 57.310, 98.562 by changing the saturation by 10% instead.

 93, 57.310, 98.562

 93, 57.310, 98.562

 100, 57.310,
98.562

 83, 57.310, 98.562

 73, 57.310, 98.562

 63, 57.310, 98.562

 53, 57.310, 98.562

 43, 57.310, 98.562

 33, 57.310, 98.562

 23, 57.310, 98.562

 13, 57.310, 98.562

 3, 57.310, 98.562

93, 57.310, 98.562

93, 57.310, 98.562

92, 67.248, 97.460

94, 46.652, 99.691

91, 75.949, 96.390

95, 35.604,
100.825

90, 82.712, 95.359

97, 24.372,
101.951

89, 86.824, 94.354

98, 13.075,
103.056

88, 88.238, 93.508

99, 1.786, 104.070

100, 0.394,
201.063

Harmonies

Complementary

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



93, 57.310, 98.562



62, 63.821, 292.771

Rectangle

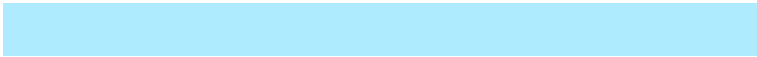
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 57.310, 98.562



93, 57.310, 148.562



93, 57.310, 278.562



93, 57.310, 328.562

Sweetspot

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



93, 57.311, 98.565



98, 16.984, 102.683



67, 53.423, 15.781



52, 11.590, 102.450



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, 57.311, 98.565



92, 67.871, 97.415



94, 66.986, 121.635



53, 6.431, 103.283



68, 71.406, 93.684



23, 32.103, 95.065

Inverse Universe

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



62, 63.821, 292.771



55, 78.507, 295.359



62, 74.357, 307.728



49, 6.536, 285.421



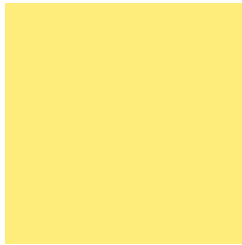
25, 100.783, 304.407



5, 40.001, 299.339

Previews

White Background



This preview shows how the CIELCh color 93, 57.310, 98.562 looks on a white background.

Color Contrast Check

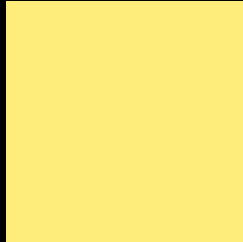
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 57.310, 98.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

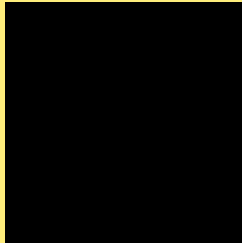
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 57.310, 98.562

Background



This preview shows how black text looks on a background with the CIELCh color 93, 57.310, 98.562.

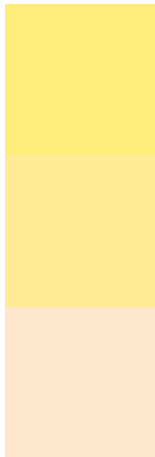


This preview shows how white text looks on a background with the CIELCh color 93, 57.310, 98.562.

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, 57.310, 98.562

Protanopia

93, 43.898, 96.090

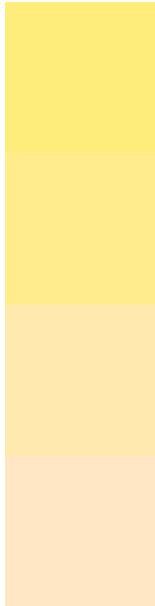
Deuteranopia

93, 16.179, 75.051



Tritanopia
93, 11.221, 349.888

Trichromacy



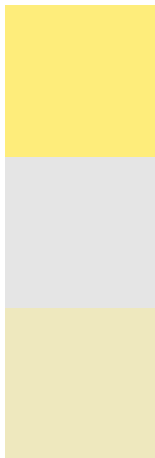
Original Color
93, 57.310, 98.562

Protanomaly
93, 49.068, 97.192

Deuteranomaly
93, 30.969, 91.563

Tritanomaly
93, 19.778, 81.158

Monochromacy



Original Color
93, 57.310, 98.562

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 21.702, 102.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 57.310, 98.562 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(254, 237, 123)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 123)  
}
```

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(254, 237, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 57.310, 98.562 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(254, 237, 123) }
```

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

```
.border{ border-color:rgb(254, 237, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 123);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 57.310, 98.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 123) }
```

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

```
.background{ background-color: rgb(254,  
237, 123) }
```

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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