

Converting Colors

CIELCh(93, 60.894, 102.109)

Have a look what the booklet for
CIELCh(93, 60.894, 102.109)
contains.

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Color

CIELCh(93, 60.943, 102.187)

Conversions

Conversions Part 1

Format	Color
Hex	F7EF74
RGB	247, 239, 116
RGB Percent	97%, 94%, 45%
CMY	0.0304, 0.0617, 0.5442
CMYK	0.00, 0.03, 0.53, 0.03
HSL	56°, 89%, 71%
HSV	56°, 53%, 97%
XYZ	72.5554, 82.9670, 28.7855
YIQ	227.3700, 44.2510, -36.5570

Conversions

Conversions Part 2

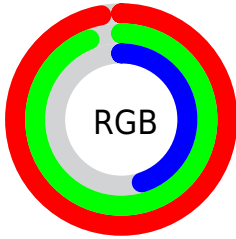
Format	Color
RYB	125, 247, 116
Decimal	16248692
CIELab	93.00, -12.87, 59.57
CIELCh	93, 60.943, 102.187
Yxy	82.9670, 0.3937, 0.4502
Android (android.graphics.Color)	4294438772 (0xFFFF7EF74)
YUV	227.3700, -54.9054, 17.2155
Hunter-Lab	91.0862, -17.2155, 45.0233

Details

The CIELCh color **93, 60.943, 102.187** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **57, 69.806, 295.970**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.047, 106.967**, and **73, 60.826, 102.151** is the 20% darker color. If you saturate the color by 10%, you get **92, 70.838, 101.259**, and if you desaturate by 10%, it is **94, 50.142, 103.181**.

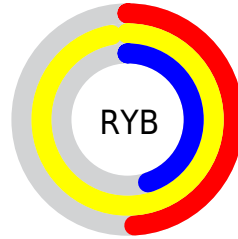
Distribution



Red (97%)

Green (94%)

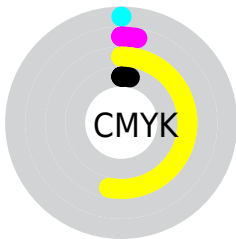
Blue (45%)



Red (49%)

Yellow (97%)

Blue (45%)

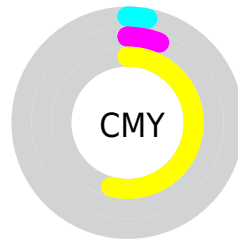


Cyan (0%)

Magenta (3%)

Yellow (53%)

Black (3%)



Cyan (3%)


Magenta (6%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 60.943, 102.187 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, 60.943, 102.187 by changing the saturation by 10% instead.


 93, 60.943,
102.187


 93, 60.943,
102.187


 100, 60.943,
102.187


 83, 60.943,
102.187

 73, 60.943,
102.187

 63, 60.943,
102.187

 53, 60.943,
102.187

 43, 60.943,
102.187

 33, 60.943,
102.187

 23, 60.943,

102.187

■ 13, 60.943,
102.187

■ 3, 60.943, 102.187

■ 93, 60.943,
102.187

■ 93, 60.943,
102.187

■ 92, 70.838,
101.259

■ 94, 50.142,
103.181

■ 92, 79.290,
100.418

■ 94, 38.802,
104.208

■ 91, 85.640, 99.693

■ 95, 27.164,
105.248

■ 91, 89.332, 99.097

■ 96, 15.377,
106.284

■ 91, 90.502, 98.740

- 97, 3.531, 107.284
- 98, 3.433, 284.323
- 98, 2.778, 271.715
- 99, 2.329, 252.985
- 99, 2.213, 229.259

Harmonies

Complementary

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



93, 60.943, 102.187



57, 69.806, 295.970

Rectangle

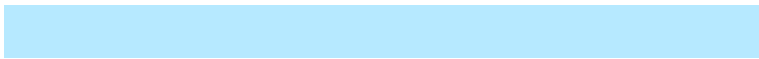
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 60.943, 102.187



93, 60.943, 152.187



93, 60.943, 282.187



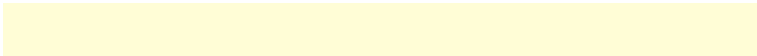
93, 60.943, 332.187

Sweetspot

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



93, 60.944, 102.190



98, 19.415, 105.971



65, 54.537, 21.093



52, 13.103, 105.757



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, 60.944, 102.190



95, 73.562, 101.160



91, 68.287, 124.185



51, 6.674, 106.643



70, 73.185, 98.815



23, 31.536, 99.733

Inverse Universe

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



57, 69.806, 295.970



51, 88.230, 298.594



60, 75.019, 309.786



47, 6.807, 288.652



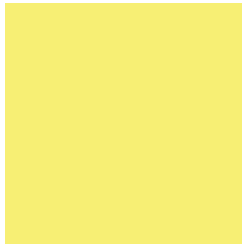
23, 102.881, 305.559



4, 38.208, 298.751

Previews

White Background



This preview shows how the CIELCh color 93, 60.943, 102.187 looks on a white background.

Color Contrast Check

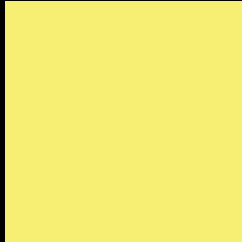
Large Text (above 18pt) WCAG AA × Fail

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, 60.943, 102.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

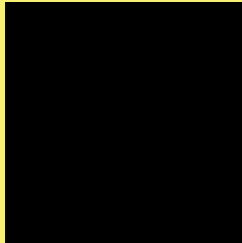
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 60.943, 102.187

Background



This preview shows how black text looks on a background with the CIELCh color 93, 60.943, 102.187.

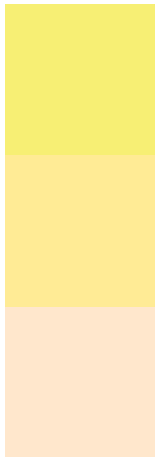


This preview shows how white text looks on a background with the CIELCh color 93, 60.943, 102.187.

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, 60.943, 102.187

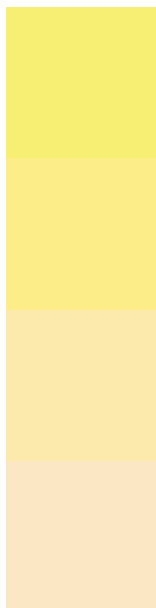
Protanopia
93, 44.381, 96.156

Deuteranopia
93, 16.616, 75.966



Tritanopia
93, 12.349, 344.546

Trichromacy



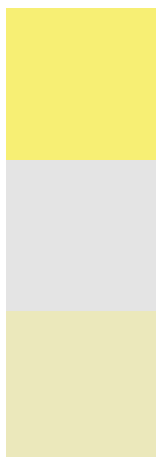
Original Color
93, 60.943, 102.187

Protanomaly
93, 50.683, 99.194

Deuteranomaly
93, 32.498, 95.021

Tritanomaly
93, 19.731, 84.746

Monochromacy



Original Color
93, 60.943, 102.187

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 23.145, 105.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 60.943, 102.187 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(247, 239, 116)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 116)  
}
```

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(247, 239, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 60.943, 102.187 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(247, 239, 116) }
```

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

```
.border{ border-color:rgb(247, 239, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 116);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 60.943, 102.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 116) }
```

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

```
.background{ background-color: rgb(247,  
239, 116) }
```

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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