

Converting Colors

CIELCh(93, 59.954, 102.851)

Have a look what the booklet for
CIELCh(93, 59.954, 102.851)
contains.

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Color

CIELCh(93, 59.977, 103.022)

Conversions

Conversions Part 1

Format	Color
Hex	F6F077
RGB	246, 240, 119
RGB Percent	96%, 94%, 47%
CMY	0.0367, 0.0602, 0.5346
CMYK	0.00, 0.02, 0.52, 0.04
HSL	57°, 87%, 71%
HSV	57°, 52%, 96%
XYZ	72.2466, 82.9670, 29.5558
YIQ	228.0000, 42.4170, -36.3590

Conversions

Conversions Part 2

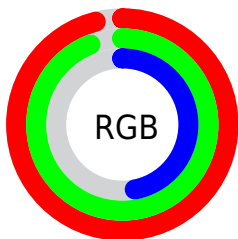
Format	Color
R_{YB}	125, 246, 119
Decimal	16183415
CIE _{Lab}	93.00, -13.51, 58.43
CIE _{LCh}	93, 59.977, 103.022
Yxy	82.9670, 0.3910, 0.4490
Android (android.graphics.Color)	4294373495 (0xFFFF6F077)
YUV	228.0000, -53.7370, 15.7860
Hunter-Lab	91.0862, -17.8205, 44.5218

Details

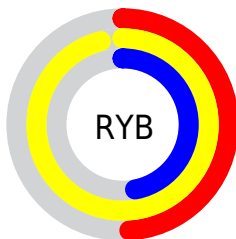
The CIELCh color **93, 59.977, 103.022** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **57, 68.642, 296.216**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **73, 59.998, 103.068** is the 20% darker color. If you saturate the color by 10%, you get **92, 70.037, 102.117**, and if you desaturate by 10%, it is **94, 49.046, 103.996**.

Distribution



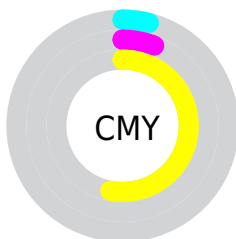
- Red (96%)
- Green (94%)
- Blue (47%)



- Red (49%)
- Yellow (96%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 59.977, 103.022 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, 59.977, 103.022 by changing the saturation by 10% instead.

■ 93, 59.977,
103.022

■ 93, 59.977,
103.022

■ 100, 59.977,
103.022

■ 83, 59.977,
103.022

■ 73, 59.977,
103.022

■ 63, 59.977,
103.022

■ 53, 59.977,
103.022

■ 43, 59.977,
103.022

■ 33, 59.977,
103.022

■ 23, 59.977,

103.022

■ 13, 59.977,
103.022

■ 3, 59.977, 103.022

■ 93, 59.977,
103.022

■ 93, 59.977,
103.022

■ 92, 70.037,
102.117

■ 94, 49.046,
103.996

■ 92, 78.712,
101.306

■ 94, 37.594,
105.005

■ 92, 85.366,
100.621

■ 95, 25.851,
106.029

■ 91, 89.431,
100.082

■ 96, 13.958,
107.049

91, 90.960, 99.729

97, 2.006, 108.016

97, 4.310, 286.098

98, 3.769, 279.273

98, 3.298, 270.356

98, 2.932, 258.878

Harmonies

Complementary

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



93, 59.977, 103.022



57, 68.642, 296.216

Rectangle

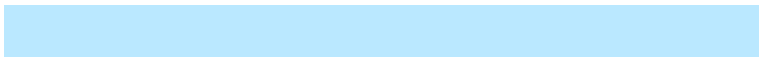
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 59.977, 103.022



93, 59.977, 153.022



93, 59.977, 283.022



93, 59.977, 333.022

Sweetspot

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



93, 59.978, 103.025



99, 19.687, 106.607



65, 53.017, 22.002



52, 13.286, 106.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

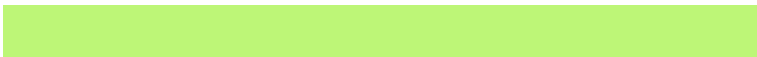
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 59.978, 103.025



96, 72.474, 102.080



91, 66.683, 124.858



51, 6.770, 107.271



71, 73.910, 99.784



23, 31.908, 100.562

Inverse Universe

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



57, 68.642, 296.216



52, 86.552, 298.615



61, 72.809, 310.204



47, 6.909, 289.258



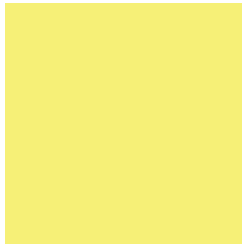
23, 103.507, 305.727



3, 38.596, 298.992

Previews

White Background



This preview shows how the CIELCh color 93, 59.977, 103.022 looks on a white background.

Color Contrast Check

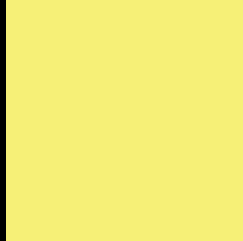
Large Text (above 18pt) WCAG AA × Fail

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, 59.977, 103.022 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, 59.977, 103.022

Background



This preview shows how black text looks on a background with the CIELCh color 93, 59.977, 103.022.

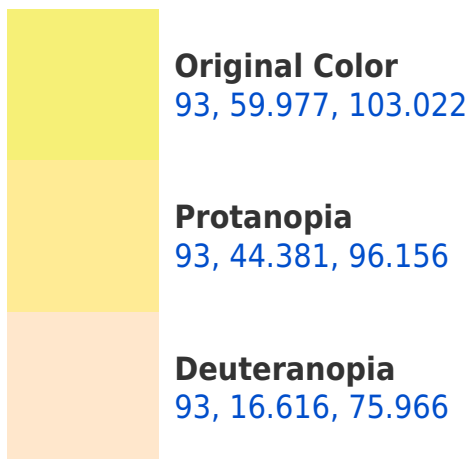


This preview shows how white text looks on a background with the CIELCh color 93, 59.977, 103.022.

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](#).

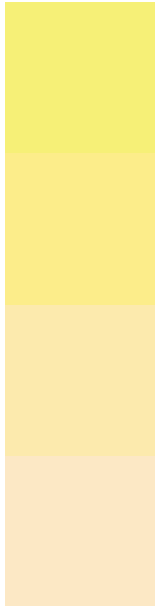
Dichromacy





Tritanopia
93, 12.649, 342.641

Trichromacy



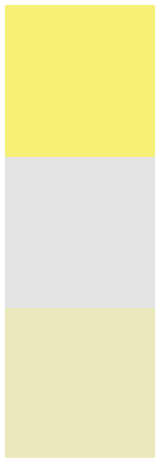
Original Color
93, 59.977, 103.022

Protanomaly
93, 50.209, 99.173

Deuteranomaly
93, 32.004, 94.880

Tritanomaly
93, 19.557, 85.785

Monochromacy



Original Color
93, 59.977, 103.022

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 22.622, 106.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 59.977, 103.022 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, 240, 119)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 119)  
}
```

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, 240, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 59.977, 103.022 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, 240, 119) }
```

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

```
.border{ border-color:rgb(246, 240, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 119);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 59.977, 103.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 119) }
```

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

```
.background{ background-color: rgb(246,  
240, 119) }
```

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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