

Converting Colors

CIELCh(93, 61.048, 97.838)

Have a look what the booklet for
CIELCh(93, 61.048, 97.838) contains.

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Color

CIELCh(93, 60.973, 98.261)

Conversions

Conversions Part 1

Format	Color
Hex	FFED73
RGB	255, 237, 115
RGB Percent	100%, 93%, 45%
CMY	0.0005, 0.0710, 0.5495
CMYK	0.00, 0.07, 0.55, 0.00
HSL	52°, 100%, 73%
HSV	52°, 55%, 100%
XYZ	74.5281, 82.9670, 28.2701
YIQ	228.4740, 49.8900, -34.1260

Conversions

Conversions Part 2

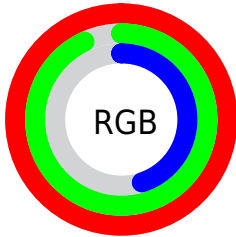
Format	Color
RYB	136, 255, 115
Decimal	16772467
CIELab	93.00, -8.76, 60.34
CIELCh	93, 60.973, 98.261
Yxy	82.9670, 0.4012, 0.4466
Android (android.graphics.Color)	4294962547 (0xFFFFED73)
YUV	228.4740, -55.9427, 23.2633
Hunter-Lab	91.0862, -13.3496, 45.3588

Details

The CIELCh color **93, 60.973, 98.261** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **60, 68.699, 293.624**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **73, 60.807, 97.933** is the 20% darker color. If you saturate the color by 10%, you get **92, 70.600, 97.172**, and if you desaturate by 10%, it is **94, 50.470, 99.382**.

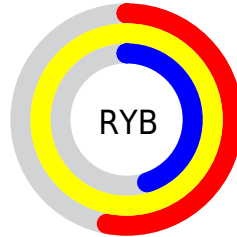
Distribution



Red (100%)

Green (93%)

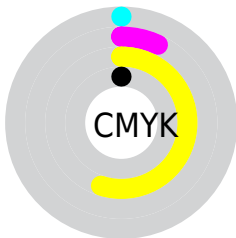
Blue (45%)



Red (53%)

Yellow (100%)

Blue (45%)

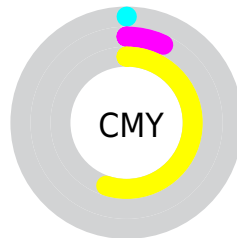


Cyan (0%)

Magenta (7%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 60.973, 98.261 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, 60.973, 98.261 by changing the saturation by 10% instead.

 93, 60.973, 98.261

 93, 60.973, 98.261

 100, 60.973,
98.261

 83, 60.973, 98.261

 73, 60.973, 98.261

 63, 60.973, 98.261

 53, 60.973, 98.261

 43, 60.973, 98.261

 33, 60.973, 98.261

 23, 60.973, 98.261

 13, 60.973, 98.261

 3, 60.973, 98.261

93, 60.973, 98.261

93, 60.973, 98.261

92, 70.600, 97.172

94, 50.470, 99.382

91, 78.765, 96.119

95, 39.480,
100.513

90, 84.729, 95.105

97, 28.246,
101.642

89, 87.863, 94.110

89, 88.565, 93.603

98, 16.912,
102.755

99, 5.565, 103.830

100, 0.046,
214.093

Harmonies

Complementary

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



93, 60.973, 98.261



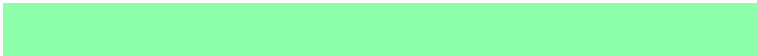
60, 68.699, 293.624

Rectangle

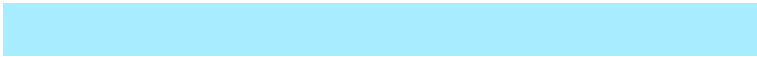
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 60.973, 98.261



93, 60.973, 148.261



93, 60.973, 278.261



93, 60.973, 328.261

Sweetspot

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



93, 60.974, 98.264



98, 18.141, 102.636



66, 57.265, 16.617



52, 12.249, 102.409



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, 60.974, 98.264



92, 71.590, 97.057



94, 71.110, 121.512



53, 6.439, 103.346



68, 71.457, 93.779



23, 32.133, 95.147

Inverse Universe

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



60, 68.699, 293.624



52, 84.289, 296.470



60, 79.594, 307.984



49, 6.544, 285.482



25, 100.875, 304.433



5, 40.039, 299.364

Previews

White Background



This preview shows how the CIELCh color 93, 60.973, 98.261 looks on a white background.

Color Contrast Check

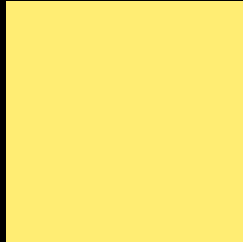
Large Text (above 18pt) WCAG AA × Fail

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, 60.973, 98.261 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, 60.973, 98.261

Background



This preview shows how black text looks on a background with the CIELCh color 93, 60.973, 98.261.

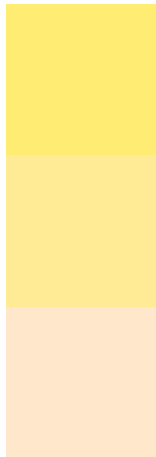


This preview shows how white text looks on a background with the CIELCh color 93, 60.973, 98.261.

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, 60.973, 98.261

Protanopia

93, 44.381, 96.156

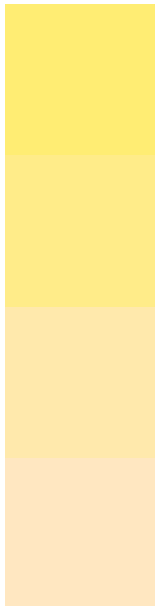
Deuteranopia

93, 16.616, 75.966



Tritanopia
93, 10.979, 352.221

Trichromacy



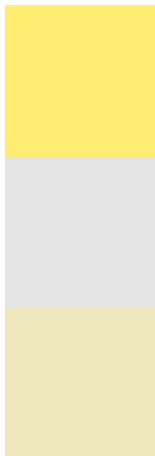
Original Color
93, 60.973, 98.261

Protanomaly
93, 50.490, 97.308

Deuteranomaly
93, 32.438, 92.133

Tritanomaly
93, 21.643, 83.390

Monochromacy



Original Color
93, 60.973, 98.261

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 22.778, 101.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 60.973, 98.261 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(255, 237, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 115)  
}
```

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(255, 237, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 60.973, 98.261 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(255, 237, 115) }
```

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

```
.border{ border-color:rgb(255, 237, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 60.973, 98.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 115) }
```

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

```
.background{ background-color: rgb(255,  
237, 115) }
```

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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