

Converting Colors

CIELCh(93, 58.192, 98.610)

Have a look what the booklet for
CIELCh(93, 58.192, 98.610) contains.

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Color

CIELCh(93, 58.220, 98.589)

Conversions

Conversions Part 1

Format	Color
Hex	FEED79
RGB	254, 237, 121
RGB Percent	100%, 93%, 47%
CMY	0.0042, 0.0708, 0.5257
CMYK	0.00, 0.07, 0.52, 0.00
HSL	52°, 98%, 74%
HSV	52°, 52%, 100%
XYZ	74.5600, 82.9670, 30.1539
YIQ	228.8590, 47.3680, -32.4720

Conversions

Conversions Part 2

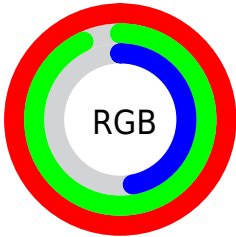
Format	Color
RYB	140, 254, 121
Decimal	16706937
CIELab	93.00, -8.69, 57.57
CIELCh	93, 58.220, 98.589
Yxy	82.9670, 0.3973, 0.4421
Android (android.graphics.Color)	4294897017 (0xFFFEED79)
YUV	228.8590, -53.1745, 22.0487
Hunter-Lab	91.0862, -13.2870, 44.1326

Details

The CIELCh color **93, 58.220, 98.589** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 65.047, 293.043**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **73, 57.917, 98.363** is the 20% darker color. If you saturate the color by 10%, you get **92, 68.093, 97.494**, and if you desaturate by 10%, it is **94, 47.590, 99.713**.

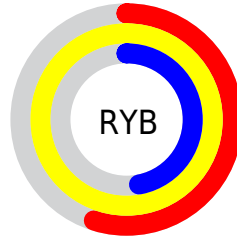
Distribution



Red (100%)

Green (93%)

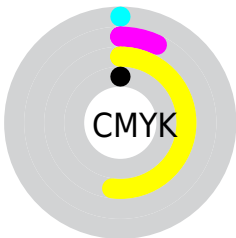
Blue (47%)



Red (55%)

Yellow (100%)

Blue (47%)

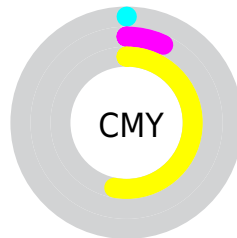


Cyan (0%)

Magenta (7%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 58.220, 98.589 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, 58.220, 98.589 by changing the saturation by 10% instead.

 93, 58.220, 98.589

 93, 58.220, 98.589

 100, 58.220,
98.589

 83, 58.220, 98.589

 73, 58.220, 98.589

 63, 58.220, 98.589

 53, 58.220, 98.589

 43, 58.220, 98.589

 33, 58.220, 98.589

 23, 58.220, 98.589

 13, 58.220, 98.589

 3, 58.220, 98.589

93, 58.220, 98.589

93, 58.220, 98.589

92, 68.093, 97.494

94, 47.590, 99.713

91, 76.675, 96.433

95, 36.545,
100.844

90, 83.256, 95.414

97, 25.301,
101.969

89, 87.140, 94.422

98, 13.984,
103.074

88, 88.359, 93.665

99, 2.667, 104.115

100, 0.372,
201.165

Harmonies

Complementary

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



93, 58.220, 98.589



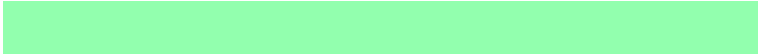
61, 65.047, 293.043

Rectangle

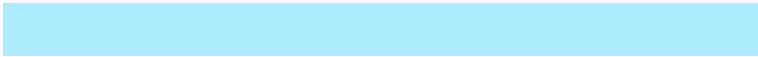
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 58.220, 98.589



93, 58.220, 148.589



93, 58.220, 278.589



93, 58.220, 328.589

Sweetspot

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



93, 58.221, 98.592



98, 18.155, 102.676



67, 54.290, 15.969



52, 12.259, 102.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

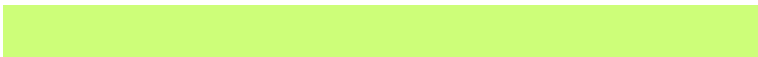
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 58.221, 98.592



92, 68.909, 97.425



94, 67.919, 121.605



53, 6.444, 103.385



69, 71.489, 93.838



23, 32.151, 95.199

Inverse Universe

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



61, 65.047, 293.043



54, 80.110, 295.705



61, 75.538, 307.788



49, 6.550, 285.519



25, 100.932, 304.449



5, 40.063, 299.380

Previews

White Background



This preview shows how the CIELCh color 93, 58.220, 98.589 looks on a white background.

Color Contrast Check

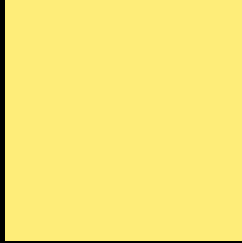
Large Text (above 18pt) WCAG AA × Fail

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, 58.220, 98.589 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, 58.220, 98.589

Background



This preview shows how black text looks on a background with the CIELCh color 93, 58.220, 98.589.

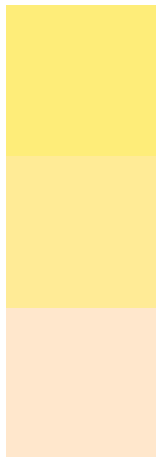


This preview shows how white text looks on a background with the CIELCh color 93, 58.220, 98.589.

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, 58.220, 98.589

Protanopia

93, 43.898, 96.090

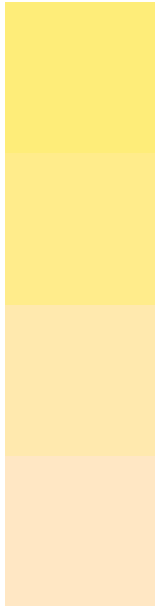
Deuteranopia

93, 16.616, 75.966



Tritanopia
93, 11.221, 349.888

Trichromacy



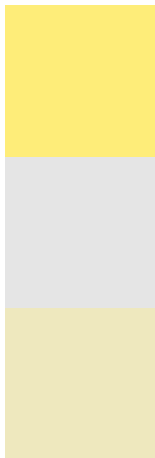
Original Color
93, 58.220, 98.589

Protanomaly
93, 49.543, 97.232

Deuteranomaly
93, 31.459, 91.760

Tritanomaly
93, 20.241, 81.757

Monochromacy



Original Color
93, 58.220, 98.589

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, 58.220, 98.589 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 58.220, 98.589 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, 121) }
```

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

```
.border{ border-color:rgb(254, 237, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 58.220, 98.589 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, 121) }
```

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

```
.background{ background-color: rgb(254,  
237, 121) }
```

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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