

Converting Colors

CIELCh(98, 54.433, 72.974)

Have a look what the booklet for
CIELCh(98, 54.433, 72.974) contains.

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Color

CIELCh(93, 45.237, 96.807)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB94
RGB	254, 235, 148
RGB Percent	100%, 92%, 58%
CMY	0.0022, 0.0765, 0.4215
CMYK	0.00, 0.07, 0.42, 0.00
HSL	49°, 99%, 79%
HSV	49°, 42%, 100%
XYZ	76.1886, 82.9670, 39.8103
YIQ	230.7630, 39.2510, -23.0290

Conversions

Conversions Part 2

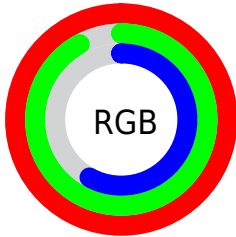
Format	Color
RYB	171, 254, 148
Decimal	16706452
CIELab	93.00, -5.36, 44.92
CIElCh	93, 45.237, 96.807
Yxy	82.9670, 0.3829, 0.4170
Android (android.graphics.Color)	4294896532 (0xFFFEEB94)
YUV	230.7630, -40.8022, 20.3788
Hunter-Lab	91.0862, -10.0956, 37.8470

Details

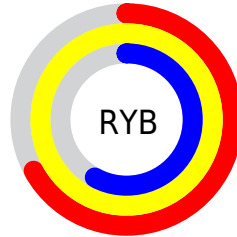
The CIELCh color **93, 45.237, 96.807** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 48.232, 288.295**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **73, 44.467, 96.280** is the 20% darker color. If you saturate the color by 10%, you get **92, 55.607, 95.596**, and if you desaturate by 10%, it is **95, 34.558, 98.016**.

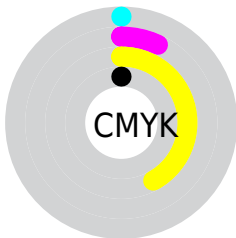
Distribution



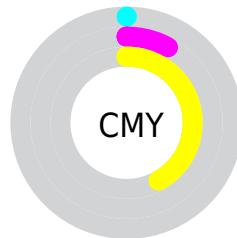
- Red (100%)
- Green (92%)
- Blue (58%)



- Red (67%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 45.237, 96.807 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, 45.237, 96.807 by changing the saturation by 10% instead.

 93, 45.237, 96.807

 93, 45.237, 96.807

 100, 45.237,
96.807

 83, 45.237, 96.807

 73, 45.237, 96.807

 63, 45.237, 96.807

 53, 45.237, 96.807

 43, 45.237, 96.807

 33, 45.237, 96.807

 23, 45.237, 96.807

 13, 45.237, 96.807

 3, 45.237, 96.807

93, 45.237, 96.807

93, 45.237, 96.807

92, 55.607, 95.596

95, 34.558, 98.016

90, 65.345, 94.379

96, 23.754, 99.203

89, 73.940, 93.159

98, 12.937,
100.361

88, 80.666, 91.921

99, 2.166, 101.424

86, 84.743, 90.622

100, 0.191,
202.874

85, 86.083, 89.515

Harmonies

Complementary

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



93, 45.237, 96.807



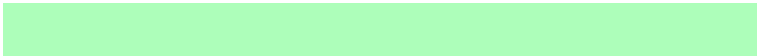
70, 48.232, 288.295

Rectangle

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



93, 45.237, 96.807



93, 45.237, 146.807



93, 45.237, 276.807



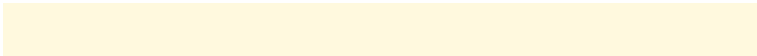
93, 45.237, 326.807

Sweetspot

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



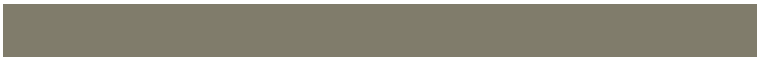
93, 45.238, 96.811



98, 14.010, 100.250



73, 42.959, 9.924



52, 9.810, 99.997



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, 45.238, 96.811



92, 53.635, 95.842



95, 54.805, 120.048



52, 6.119, 100.646



66, 69.554, 89.775



22, 30.972, 91.626

Inverse Universe

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



70, 48.232, 288.295



65, 58.304, 290.092



68, 59.868, 305.428



49, 6.200, 282.874



26, 96.683, 303.196



6, 38.458, 298.236

Previews

White Background



This preview shows how the CIELCh color 93, 45.237, 96.807 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, 45.237, 96.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

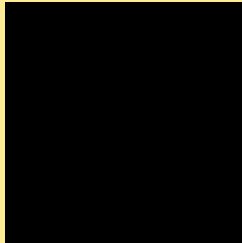
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 45.237, 96.807

Background



This preview shows how black text looks on a background with the CIELCh color 93, 45.237, 96.807.



This preview shows how white text looks on a background with the CIELCh color 93, 45.237, 96.807.

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, 44.785, 96.731

Protanopia

93, 41.960, 95.802

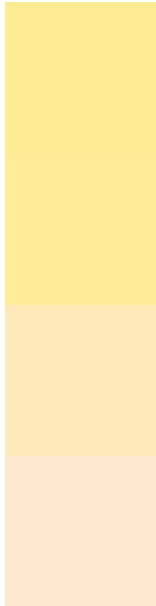
Deuteranopia

93, 15.319, 73.057



Tritanopia
93, 11.221, 349.888

Trichromacy



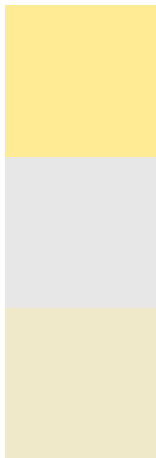
Original Color
93, 44.785, 96.731

Protanomaly
93, 42.930, 95.951

Deuteranomaly
93, 26.091, 89.093

Tritanomaly
93, 15.747, 74.082

Monochromacy



Original Color
93, 44.785, 96.731

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 16.653, 99.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 45.237, 96.807 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, 235, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 148)  
}
```

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, 235, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 45.237, 96.807 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, 235, 148) }
```

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

```
.border{ border-color:rgb(254, 235, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 45.237, 96.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 148) }
```

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

```
.background{ background-color: rgb(254,  
235, 148) }
```

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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