

Converting Colors

CIELCh(94, 55.150, 96.329)

Have a look what the booklet for
CIELCh(94, 55.150, 96.329) contains.

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Color

CIELCh(93, 54.518, 98.485)

Conversions

Conversions Part 1

Format	Color
Hex	FEED81
RGB	254, 237, 129
RGB Percent	100%, 93%, 51%
CMY	0.0054, 0.0718, 0.4950
CMYK	0.00, 0.07, 0.49, 0.01
HSL	52°, 98%, 75%
HSV	52°, 49%, 99%
XYZ	74.8761, 82.9670, 32.7551
YIQ	229.7710, 44.8000, -29.9840

Conversions

Conversions Part 2

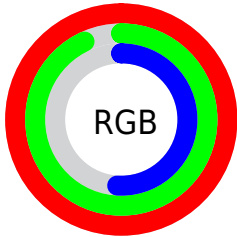
Format	Color
R _Y B	149, 254, 129
Decimal	16706945
CIE Lab	93.00, -8.04, 53.92
CIE LCh	93, 54.518, 98.485
Yxy	82.9670, 0.3928, 0.4353
Android (android.graphics.Color)	4294897025 (0xFFFEED81)
YUV	229.7710, -49.6801, 21.2488
Hunter-Lab	91.0862, -12.6675, 42.4393

Details

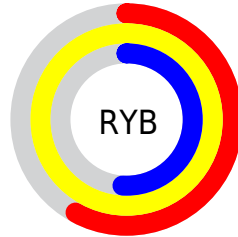
The CIELCh color **93, 54.518, 98.485** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 60.130, 291.952**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **73, 54.475, 98.346** is the 20% darker color. If you saturate the color by 10%, you get **92, 64.631, 97.364**, and if you desaturate by 10%, it is **94, 43.792, 99.628**.

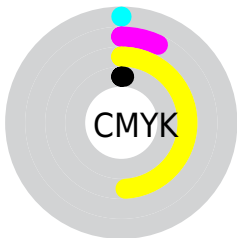
Distribution



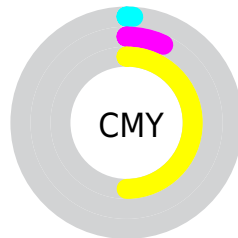
- Red (100%)
- Green (93%)
- Blue (51%)



- Red (58%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 54.518, 98.485 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, 54.518, 98.485 by changing the saturation by 10% instead.

 93, 54.518, 98.485

 93, 54.518, 98.485

 100, 54.518,
98.485

 83, 54.518, 98.485

 73, 54.518, 98.485

 63, 54.518, 98.485

 53, 54.518, 98.485

 43, 54.518, 98.485

 33, 54.518, 98.485

 23, 54.518, 98.485

 13, 54.518, 98.485

 3, 54.518, 98.485

93, 54.518, 98.485

93, 54.518, 98.485

92, 64.631, 97.364

94, 43.792, 99.628

91, 73.662, 96.267

95, 32.745,
100.769

90, 80.949, 95.204

97, 21.555,
101.899

89, 85.743, 94.163

88, 87.757, 93.113

98, 10.329,
103.002

88, 87.865, 93.032

100, 0.582,
281.220

100, 0.479,
200.759

Harmonies

Complementary

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



93, 54.518, 98.485



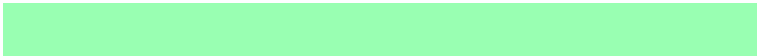
64, 60.130, 291.952

Rectangle

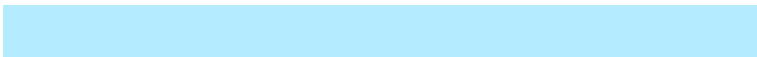
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 54.518, 98.485



93, 54.518, 148.485



93, 54.518, 278.485



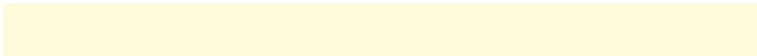
93, 54.518, 328.485

Sweetspot

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



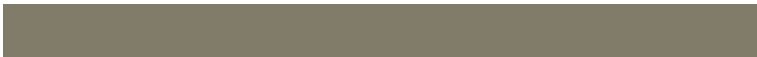
93, 54.519, 98.488



98, 16.883, 102.369



69, 50.695, 13.960



52, 11.521, 102.135



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

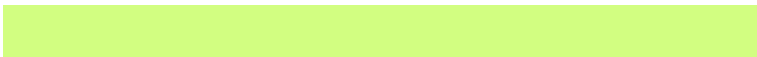
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 54.519, 98.488



92, 64.692, 97.388



94, 63.864, 121.061



53, 6.392, 102.972



68, 71.158, 93.218



23, 31.959, 94.657

Inverse Universe

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



64, 60.130, 291.952



57, 73.754, 294.325



63, 70.689, 307.049



49, 6.494, 285.121



25, 100.324, 304.276



5, 39.814, 299.211

Previews

White Background



This preview shows how the CIELCh color 93, 54.518, 98.485 looks on a white background.

Color Contrast Check

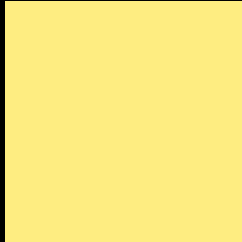
Large Text (above 18pt) WCAG AA × Fail

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, 54.518, 98.485 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, 54.518, 98.485

Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.518, 98.485.



This preview shows how white text looks on a background with the CIELCh color 93, 54.518, 98.485.

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, 54.548, 98.464

Protanopia

93, 43.414, 96.022

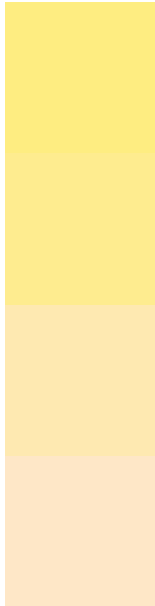
Deuteranopia

93, 16.179, 75.051



Tritanopia
93, 11.221, 349.888

Trichromacy



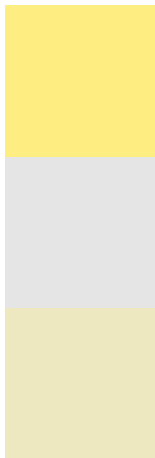
Original Color
93, 54.548, 98.464

Protanomaly
93, 47.566, 97.545

Deuteranomaly
93, 29.875, 91.869

Tritanomaly
93, 18.672, 80.892

Monochromacy



Original Color
93, 54.548, 98.464

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 20.176, 102.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.518, 98.485 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 54.518, 98.485 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, 129) }
```

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

```
.border{ border-color:rgb(254, 237, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 129);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 54.518, 98.485 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, 129) }
```

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

```
.background{ background-color: rgb(254,  
237, 129) }
```

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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