

Converting Colors

CIELCh(93, 44.010, 93.680)

Have a look what the booklet for
CIELCh(93, 44.010, 93.680) contains.

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Color

CIELCh(93, 43.529, 95.479)

Conversions

Conversions Part 1

Format	Color
Hex	FFEB97
RGB	255, 235, 151
RGB Percent	100%, 92%, 59%
CMY	0.0000, 0.0791, 0.4087
CMYK	0.00, 0.08, 0.41, 0.00
HSL	48°, 100%, 80%
HSV	48°, 41%, 100%
XYZ	76.7834, 82.9670, 41.1513
YIQ	231.4040, 38.8840, -21.8840

Conversions

Conversions Part 2

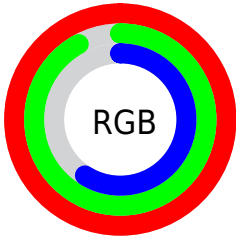
Format	Color
RYB	176, 255, 151
Decimal	16771991
CIELab	93.00, -4.16, 43.33
CIELCh	93, 43.529, 95.479
Yxy	82.9670, 0.3822, 0.4130
Android (android.graphics.Color)	4294962071 (0xFFFFEB97)
YUV	231.4040, -39.6392, 20.6937
Hunter-Lab	91.0862, -8.9300, 36.9741

Details

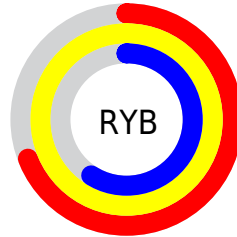
The CIELCh color **93, 43.529, 95.479** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **71, 45.957, 287.185**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **73, 43.084, 95.563** is the 20% darker color. If you saturate the color by 10%, you get **91, 53.801, 94.691**, and if you desaturate by 10%, it is **95, 32.860, 97.161**.

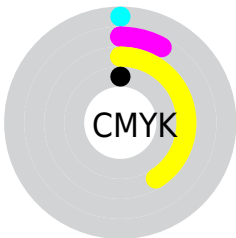
Distribution



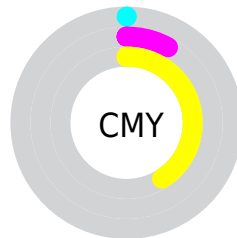
- Red (100%)
- Green (92%)
- Blue (59%)



- Red (69%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 43.529, 95.479 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, 43.529, 95.479 by changing the saturation by 10% instead.

 93, 43.529, 95.479

 93, 43.529, 95.479

 100, 43.529,
95.479

 83, 43.529, 95.479

 73, 43.529, 95.479

 63, 43.529, 95.479

 53, 43.529, 95.479

 43, 43.529, 95.479

 33, 43.529, 95.479

 23, 43.529, 95.479

 13, 43.529, 95.479

 3, 43.529, 95.479

93, 43.529, 95.479

93, 43.529, 95.479

91, 53.801, 94.691

95, 32.860, 97.161

90, 63.595, 93.438

96, 22.179, 98.365

88, 72.359, 92.171

98, 11.510, 99.535

87, 79.385, 90.869

100, 0.907,
100.489

86, 83.857, 89.484

100, 0.012,
296.813

85, 85.554, 88.102

Harmonies

Complementary

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



93, 43.529, 95.479



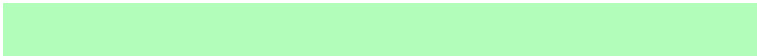
71, 45.957, 287.185

Rectangle

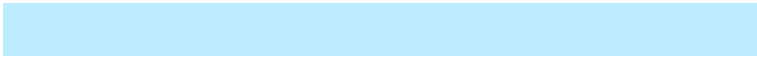
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 43.529, 95.479



93, 43.529, 145.479



93, 43.529, 275.479



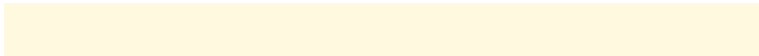
93, 43.529, 325.479

Sweetspot

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



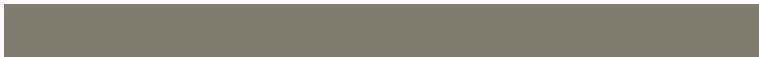
93, 43.458, 95.934



98, 12.713, 99.405



74, 41.839, 8.444



52, 8.437, 99.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

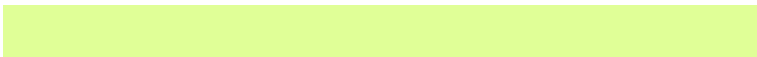
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 43.458, 95.934



92, 51.897, 94.925



96, 53.285, 119.425



52, 6.016, 99.691



65, 69.015, 88.393



22, 30.610, 90.394

Inverse Universe

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



71, 45.957, 287.185



66, 55.872, 289.011



69, 58.157, 304.806



49, 6.089, 281.950



27, 95.115, 302.709



6, 37.889, 297.798

Previews

White Background



This preview shows how the CIELCh color 93, 43.529, 95.479 looks on a white background.

Color Contrast Check

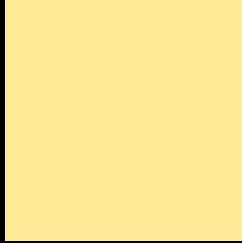
Large Text (above 18pt) WCAG AA × Fail

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, 43.529, 95.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

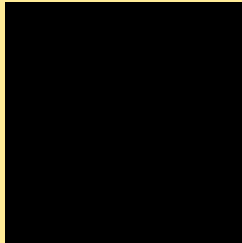
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 43.529, 95.479

Background



This preview shows how black text looks on a background with the CIELCh color 93, 43.529, 95.479.



This preview shows how white text looks on a background with the CIELCh color 93, 43.529, 95.479.

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, 43.414, 96.022

Protanopia

93, 42.445, 95.878

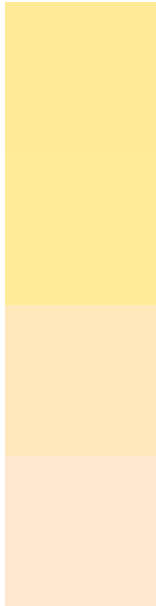
Deuteranopia

93, 15.319, 73.057



Tritanopia
93, 11.221, 349.888

Trichromacy



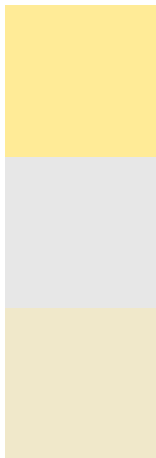
Original Color
93, 43.414, 96.022

Protanomaly
93, 42.930, 95.951

Deuteranomaly
93, 24.800, 87.270

Tritanomaly
93, 15.148, 70.823

Monochromacy



Original Color
93, 43.414, 96.022

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 15.719, 97.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 43.529, 95.479 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, 235, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 151)  
}
```

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, 235, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 43.529, 95.479 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, 235, 151) }
```

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

```
.border{ border-color:rgb(255, 235, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 43.529, 95.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 151) }
```

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

```
.background{ background-color: rgb(255,  
235, 151) }
```

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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