

Converting Colors

CIELCh(93, 42.883, 99.768)

Have a look what the booklet for
CIELCh(93, 42.883, 99.768) contains.

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Color

CIELCh(93, 42.883, 99.768)

Conversions

Conversions Part 1

Format	Color
Hex	FAED99
RGB	250, 237, 153
RGB Percent	98%, 93%, 60%
CMY	0.0208, 0.0717, 0.4010
CMYK	0.00, 0.05, 0.39, 0.02
HSL	52°, 90%, 79%
HSV	52°, 39%, 98%
XYZ	75.2507, 82.9670, 42.0705
YIQ	231.3110, 34.7120, -23.3680

Conversions

Conversions Part 2

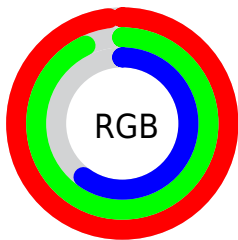
Format	Color
R _Y B	168, 250, 153
Decimal	16444825
CIE Lab	93.00, -7.28, 42.26
CIE LCh	93, 42.883, 99.768
Yxy	82.9670, 0.3757, 0.4142
Android (android.graphics.Color)	4294634905 (0xFFFAED99)
YUV	231.3110, -38.6073, 16.3903
Hunter-Lab	91.0862, -11.9336, 36.3758

Details

The CIELCh color **93, 42.883, 99.768** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 46.008, 289.817**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **73, 42.525, 99.626** is the 20% darker color. If you saturate the color by 10%, you get **92, 53.507, 98.636**, and if you desaturate by 10%, it is **94, 31.952, 100.909**.

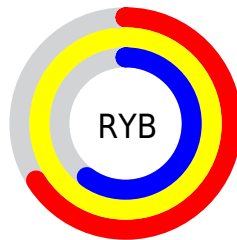
Distribution



Red (98%)

Green (93%)

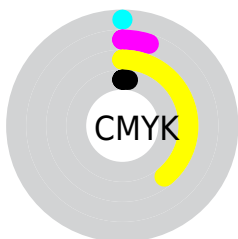
Blue (60%)



Red (66%)

Yellow (98%)

Blue (60%)

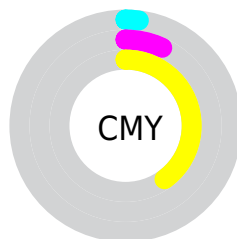


Cyan (0%)

Magenta (5%)

Yellow (39%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 42.883, 99.768 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, 42.883, 99.768 by changing the saturation by 10% instead.

 93, 42.883, 99.768

 93, 42.883, 99.768

 100, 42.883,
99.768

 83, 42.883, 99.768

 73, 42.883, 99.768

 63, 42.883, 99.768

 53, 42.883, 99.768

 43, 42.883, 99.768

 33, 42.883, 99.768

 23, 42.883, 99.768

 13, 42.883, 99.768

 3, 42.883, 99.768

93, 42.883, 99.768

93, 42.883, 99.768

92, 53.507, 98.636

94, 31.952,
100.909

91, 63.535, 97.515

96, 20.884,
102.035

90, 72.517, 96.423

89, 79.807, 95.365

97, 9.779, 103.135

88, 84.668, 94.334

98, 1.301, 284.338

87, 86.763, 93.299

99, 1.514, 231.418

87, 86.928, 93.178

100, 1.836,
199.650

Harmonies

Complementary

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



93, 42.883, 99.768



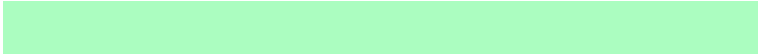
70, 46.008, 289.817

Rectangle

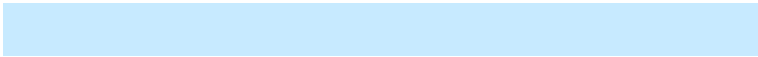
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 42.883, 99.768



93, 42.883, 149.768



93, 42.883, 279.768



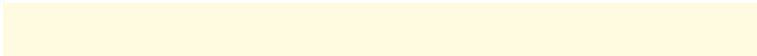
93, 42.883, 329.768

Sweetspot

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



93, 42.884, 99.772



98, 13.523, 102.790



73, 38.799, 11.861



52, 8.972, 102.646



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

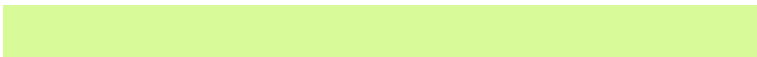
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 42.884, 99.772



94, 52.475, 98.837



94, 50.373, 121.560



52, 6.298, 103.063



67, 70.525, 93.361



22, 30.861, 94.894

Inverse Universe

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



70, 46.008, 289.817



65, 57.534, 291.533



70, 54.366, 306.214



48, 6.399, 285.205



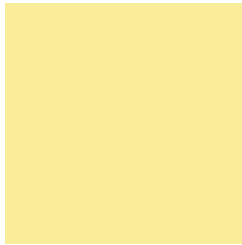
25, 99.395, 304.296



5, 38.059, 298.403

Previews

White Background



This preview shows how the CIE LCh color 93, 42.883, 99.768 looks on a white background.

Color Contrast Check

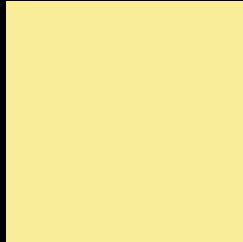
Large Text (above 18pt) WCAG AA × Fail

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, 42.883, 99.768 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, 42.883, 99.768

Background



This preview shows how black text looks on a background with the CIELCh color 93, 42.883, 99.768.



This preview shows how white text looks on a background with the CIELCh color 93, 42.883, 99.768.

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, 42.883, 99.768

Protanopia

93, 41.960, 95.802

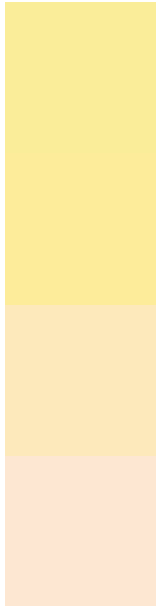
Deuteranopia

93, 15.319, 73.057



Tritanopia
93, 12.649, 342.641

Trichromacy



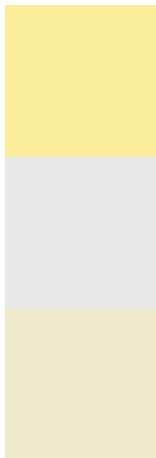
Original Color
93, 42.883, 99.768

Protanomaly
93, 42.185, 97.510

Deuteranomaly
93, 24.859, 90.152

Tritanomaly
93, 13.594, 72.041

Monochromacy



Original Color
93, 42.883, 99.768

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 15.534, 102.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 42.883, 99.768 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(250, 237, 153)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 153)  
}
```

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(250, 237, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 42.883, 99.768 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(250, 237, 153) }
```

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

```
.border{ border-color:rgb(250, 237, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 42.883, 99.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 153) }
```

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

```
.background{ background-color: rgb(250,  
237, 153) }
```

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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