

Converting Colors

CIELCh(93, 39.265, 94.036)

Have a look what the booklet for
CIELCh(93, 39.265, 94.036) contains.

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Color

CIELCh(93, 39.157, 94.690)

Conversions

Conversions Part 1

Format	Color
Hex	FFEA9F
RGB	255, 234, 159
RGB Percent	100%, 92%, 62%
CMY	0.0000, 0.0806, 0.3748
CMYK	0.00, 0.08, 0.37, 0.00
HSL	47°, 100%, 81%
HSV	47°, 37%, 100%
XYZ	77.2565, 82.9670, 44.9365
YIQ	231.7290, 36.5910, -18.8730

Conversions

Conversions Part 2

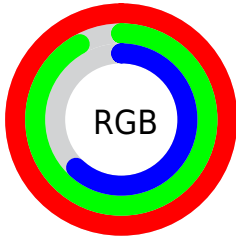
Format	Color
R _Y B	186, 255, 159
Decimal	16771743
CIE Lab	93.00, -3.20, 39.03
CIE LCh	93, 39.157, 94.690
Yxy	82.9670, 0.3766, 0.4044
Android (android.graphics.Color)	4294961823 (0xFFFFEA9F)
YUV	231.7290, -35.8554, 20.4087
Hunter-Lab	91.0862, -8.0028, 34.5102

Details

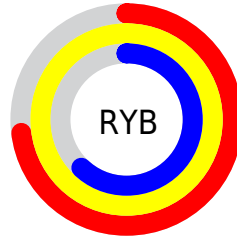
The CIELCh color **93, 39.157, 94.690** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 40.805, 285.275**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **73, 39.245, 94.358** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.438, 93.690**, and if you desaturate by 10%, it is **95, 28.645, 96.210**.

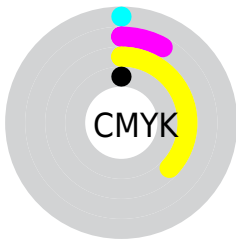
Distribution



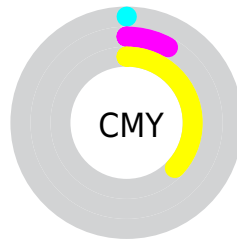
- Red (100%)
- Green (92%)
- Blue (62%)



- Red (73%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 39.157, 94.690 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, 39.157, 94.690 by changing the saturation by 10% instead.

 93, 39.157, 94.690

 93, 39.157, 94.690

 100, 39.157,
94.690

 83, 39.157, 94.690

 73, 39.157, 94.690

 63, 39.157, 94.690

 53, 39.157, 94.690

 43, 39.157, 94.690

 33, 39.157, 94.690

 23, 39.157, 94.690

 13, 39.157, 94.690

 3, 39.157, 94.690

93, 39.157, 94.690

93, 39.157, 94.690

91, 49.438, 93.690

95, 28.645, 96.210

90, 59.377, 92.398

97, 18.159, 97.428

88, 68.531, 91.081

99, 7.729, 98.601

86, 76.273, 89.718

100, 0.012,
296.813

85, 81.774, 88.257

84, 84.369, 86.615

83, 84.759, 86.184

Harmonies

Complementary

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



93, 39.157, 94.690



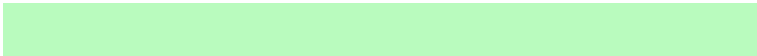
74, 40.805, 285.275

Rectangle

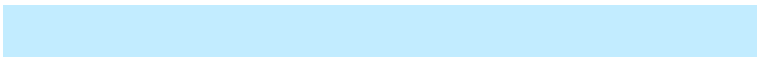
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 39.157, 94.690



93, 39.157, 144.690



93, 39.157, 274.690



93, 39.157, 324.690

Sweetspot

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



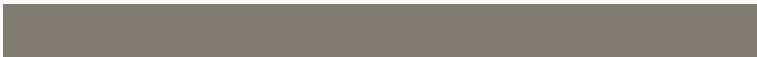
93, 39.116, 94.962



98, 11.391, 98.196



76, 38.265, 6.583



52, 7.660, 98.037



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

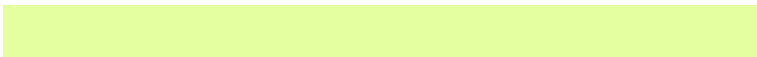
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.116, 94.962



92, 46.903, 94.007



96, 48.884, 118.926



52, 5.883, 98.369



64, 68.372, 86.515



21, 30.150, 88.704

Inverse Universe

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



74, 40.805, 285.275



69, 49.582, 286.899



71, 52.989, 303.970



50, 5.945, 280.670



28, 92.908, 301.998



6, 37.085, 297.147

Previews

White Background



This preview shows how the CIE LCh color 93, 39.157, 94.690 looks on a white background.

Color Contrast Check

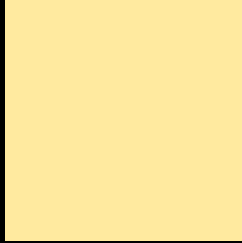
Large Text (above 18pt) WCAG AA × Fail

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, 39.157, 94.690 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, 39.157, 94.690

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.157, 94.690.



This preview shows how white text looks on a background with the CIELCh color 93, 39.157, 94.690.

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, 39.157, 94.690

Protanopia

93, 38.952, 95.861

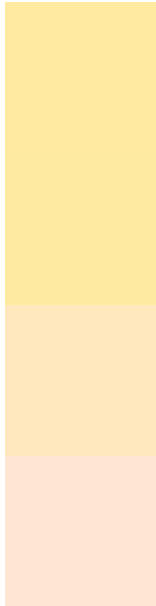
Deuteranopia

93, 14.897, 71.971



Tritanopia
93, 11.221, 349.888

Trichromacy



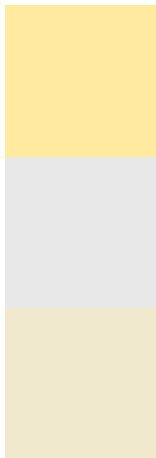
Original Color
93, 39.157, 94.690

Protanomaly
93, 38.952, 95.861

Deuteranomaly
93, 23.360, 86.126

Tritanomaly
93, 13.938, 67.125

Monochromacy



Original Color
93, 39.157, 94.690

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 14.121, 98.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.157, 94.690 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, 234, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 159)  
}
```

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, 234, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.157, 94.690 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, 234, 159) }
```

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

```
.border{ border-color:rgb(255, 234, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.157, 94.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 159) }
```

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

```
.background{ background-color: rgb(255,  
234, 159) }
```

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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