

Converting Colors

CIELCh(91, 39.347, 89.770)

Have a look what the booklet for
CIELCh(91, 39.347, 89.770) contains.

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Color

CIELCh(91, 39.163, 90.301)

Conversions

Conversions Part 1

Format	Color
Hex	FFE39A
RGB	255, 227, 154
RGB Percent	100%, 89%, 60%
CMY	0.0003, 0.1100, 0.3963
CMYK	0.00, 0.11, 0.40, 0.00
HSL	43°, 100%, 80%
HSV	43°, 40%, 100%
XYZ	74.4963, 78.4833, 41.7685
YIQ	227.0500, 40.1210, -16.7670

Conversions

Conversions Part 2

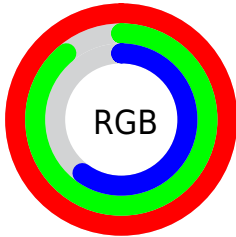
Format	Color
R_{YB}	193, 255, 154
Decimal	16769946
CIE _{Lab}	91.00, -0.21, 39.16
CIE _{LCh}	91, 39.163, 90.301
Yxy	78.4833, 0.3825, 0.4030
Android (android.graphics.Color)	4294960026 (0xFFFFE39A)
YUV	227.0500, -36.0136, 24.5122
Hunter-Lab	88.5908, -4.9328, 34.0597

Details

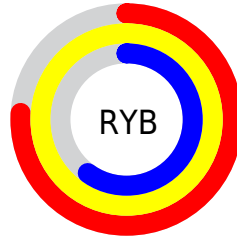
The CIELCh color **91, 39.163, 90.301** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 39.969, 281.864**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **71, 39.154, 90.278** is the 20% darker color. If you saturate the color by 10%, you get **89, 49.115, 88.939**, and if you desaturate by 10%, it is **93, 29.143, 91.635**.

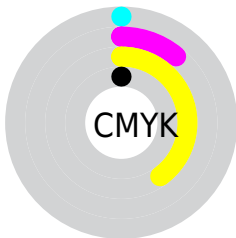
Distribution



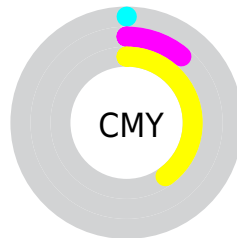
- Red (100%)
- Green (89%)
- Blue (60%)



- Red (76%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 39.163, 90.301 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 91, 39.163, 90.301 by changing the saturation by 10% instead.

 91, 39.163, 90.301

 91, 39.163, 90.301

 100, 39.163,
90.301

 81, 39.163, 90.301

 71, 39.163, 90.301

 61, 39.163, 90.301

 51, 39.163, 90.301

 41, 39.163, 90.301

 31, 39.163, 90.301

 21, 39.163, 90.301

 11, 39.163, 90.301

 1, 39.163, 90.301

91, 39.163, 90.301

91, 39.163, 90.301

89, 49.115, 88.939

93, 29.143, 91.635

87, 58.764, 87.530

95, 19.176, 92.927

85, 67.701, 86.056

98, 9.325, 94.169

83, 75.255, 84.461

100, 0.024,
228.145

81, 80.527, 82.642

79, 83.018, 80.489

79, 83.095, 80.404

Harmonies

Complementary

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



91, 39.163, 90.301



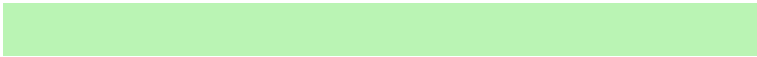
75, 39.969, 281.864

Rectangle

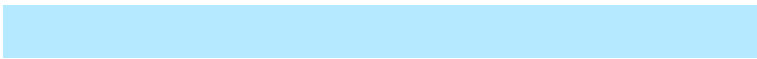
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 39.163, 90.301



91, 39.163, 140.301



91, 39.163, 270.301



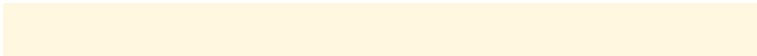
91, 39.163, 320.301

Sweetspot

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



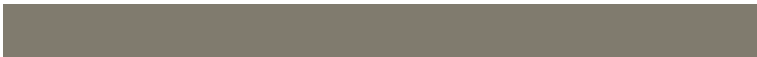
91, 39.164, 90.306



97, 11.665, 93.878



75, 41.153, 2.024



52, 7.745, 93.717



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 39.164, 90.306



89, 47.531, 89.162



96, 51.009, 115.990



52, 5.515, 94.182



61, 67.014, 80.853



20, 28.957, 83.467

Inverse Universe

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



75, 39.969, 281.864



69, 48.961, 283.830



69, 55.979, 302.080



50, 5.544, 276.600



30, 85.875, 299.515



7, 34.444, 294.708

Previews

White Background



This preview shows how the CIELCh color 91, 39.163, 90.301 looks on a white background.

Color Contrast Check

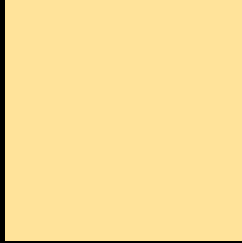
Large Text (above 18pt) WCAG AA × Fail

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 91, 39.163, 90.301 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 91, 39.163, 90.301

Background



This preview shows how black text looks on a background with the CIELCh color 91, 39.163, 90.301.



This preview shows how white text looks on a background with the CIELCh color 91, 39.163, 90.301.

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

91, 39.163, 90.301

Protanopia

91, 38.634, 95.665

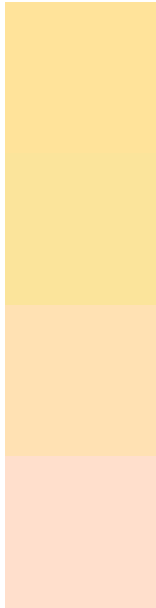
Deuteranopia

91, 20.050, 72.370



Tritanopia
91, 14.315, 352.485

Trichromacy



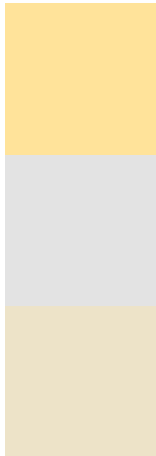
Original Color
91, 39.163, 90.301

Protanomaly
91, 38.554, 93.198

Deuteranomaly
91, 26.584, 81.954

Tritanomaly
91, 15.641, 58.659

Monochromacy



Original Color
91, 39.163, 90.301

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 14.441, 93.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 39.163, 90.301 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, 227, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 154)  
}
```

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, 227, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 39.163, 90.301 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, 227, 154) }
```

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

```
.border{ border-color:rgb(255, 227, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 39.163, 90.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 154) }
```

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

```
.background{ background-color: rgb(255,  
227, 154) }
```

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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