

Converting Colors

CIELCh(99, 59.294, 56.600)

Have a look what the booklet for
CIELCh(99, 59.294, 56.600) contains.

CIELCh(91, 37.394, 89.042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 37.394, 89.042)

Conversions

Conversions Part 1

Format	Color
Hex	FFE39D
RGB	255, 227, 157
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1117, 0.3824
CMYK	0.00, 0.11, 0.38, 0.00
HSL	42°, 100%, 81%
HSV	42°, 38%, 100%
XYZ	74.8998, 78.4833, 43.3166
YIQ	227.3920, 39.1580, -15.8340

Conversions

Conversions Part 2

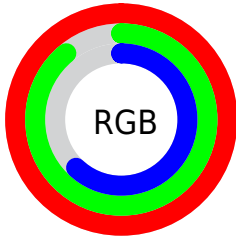
Format	Color
RYB	196, 255, 157
Decimal	16769949
CIELab	91.00, 0.63, 37.39
CIELCh	91, 37.394, 89.042
Yxy	78.4833, 0.3808, 0.3990
Android (android.graphics.Color)	4294960029 (0xFFFFE39D)
YUV	227.3920, -34.7033, 24.2122
Hunter-Lab	88.5908, -4.1197, 33.0236

Details

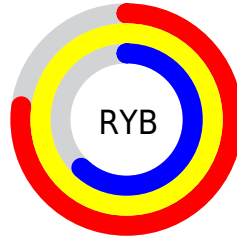
The CIELCh color **91, 37.394, 89.042** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.794, 280.549**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **71, 37.662, 89.845** is the 20% darker color. If you saturate the color by 10%, you get **89, 47.228, 87.984**, and if you desaturate by 10%, it is **93, 27.398, 90.701**.

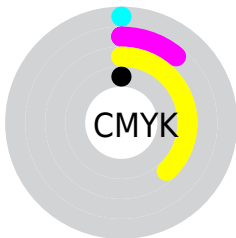
Distribution



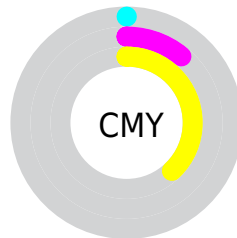
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (77%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 37.394, 89.042 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, 37.394, 89.042 by changing the saturation by 10% instead.

91, 37.394, 89.042

91, 37.394, 89.042

100, 37.394,
89.042

81, 37.394, 89.042

71, 37.394, 89.042

61, 37.394, 89.042

51, 37.394, 89.042

41, 37.394, 89.042

31, 37.394, 89.042

21, 37.394, 89.042

11, 37.394, 89.042

1, 37.394, 89.042

91, 37.394, 89.042

91, 37.394, 89.042

89, 47.228, 87.984

93, 27.398, 90.701

87, 56.908, 86.560

96, 17.561, 92.000

85, 65.991, 85.069

98, 7.862, 93.244

83, 73.851, 83.454

100, 0.012,
296.813

81, 79.599, 81.608

79, 82.499, 79.389

79, 82.867, 78.981

Harmonies

Complementary

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



91, 37.394, 89.042



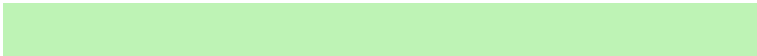
76, 37.794, 280.549

Rectangle

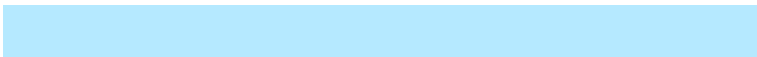
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 37.394, 89.042



91, 37.394, 139.042



91, 37.394, 269.042



91, 37.394, 319.042

Sweetspot

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



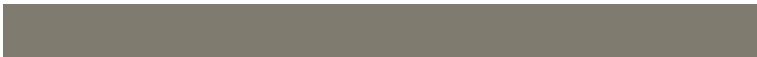
91, 37.323, 89.362



97, 10.523, 92.909



76, 39.885, 0.588



52, 7.079, 92.741



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, 37.323, 89.362



89, 45.019, 88.296



97, 49.211, 115.362



52, 5.431, 93.092



60, 66.805, 79.457



20, 28.706, 82.137

Inverse Universe

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



76, 37.794, 280.549



71, 45.877, 282.341



70, 53.871, 301.406



50, 5.452, 275.536



31, 84.079, 298.821



7, 33.742, 293.971

Previews

White Background



This preview shows how the CIE LCh color 91, 37.394, 89.042 looks on a white background.

Color Contrast Check

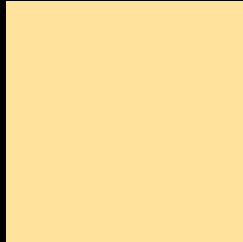
Large Text (above 18pt) WCAG AA × Fail

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, 37.394, 89.042 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, 37.394, 89.042

Background



This preview shows how black text looks on a background with the CIELCh color 91, 37.394, 89.042.

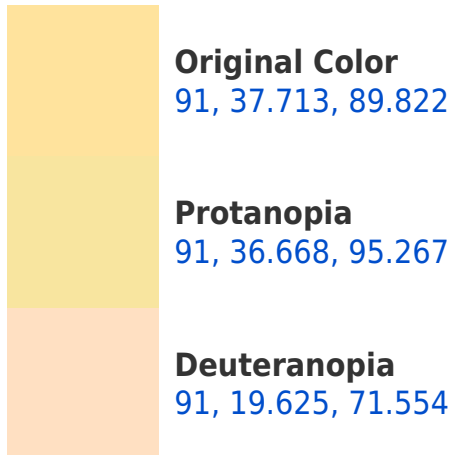


This preview shows how white text looks on a background with the CIELCh color 91, 37.394, 89.042.

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](#).

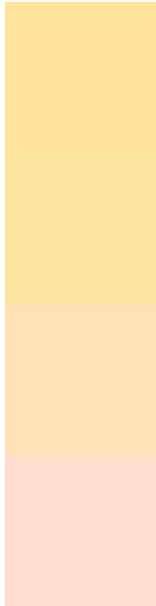
Dichromacy





Tritanopia
91, 14.315, 352.485

Trichromacy



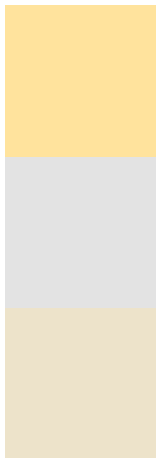
Original Color
91, 37.713, 89.822

Protanomaly
91, 37.089, 92.813

Deuteranomaly
91, 25.651, 81.087

Tritanomaly
91, 14.991, 53.379

Monochromacy



Original Color
91, 37.713, 89.822

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 13.443, 92.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 37.394, 89.042 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 37.394, 89.042 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, 157) }
```

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

```
.border{ border-color:rgb(255, 227, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 37.394, 89.042 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
227, 157) }
```

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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