

Converting Colors

CIELCh(97, 52.460, 61.713)

Have a look what the booklet for
CIELCh(97, 52.460, 61.713) contains.

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Color

CIELCh(91, 36.911, 88.860)

Conversions

Conversions Part 1

Format	Color
Hex	FFE29E
RGB	255, 226, 158
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1119, 0.3786
CMYK	0.00, 0.11, 0.38, 0.00
HSL	42°, 100%, 81%
HSV	42°, 38%, 100%
XYZ	74.9529, 78.4833, 43.7466
YIQ	226.9190, 39.1120, -15.0000

Conversions

Conversions Part 2

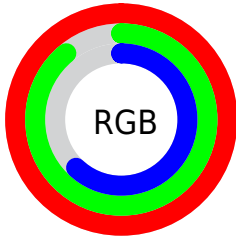
Format	Color
R _Y B	199, 255, 158
Decimal	16769694
CIE Lab	91.00, 0.73, 36.90
CIE LCh	91, 36.911, 88.860
Yxy	78.4833, 0.3801, 0.3980
Android (android.graphics.Color)	4294959774 (0xFFFFE29E)
YUV	226.9190, -33.9771, 24.6270
Hunter-Lab	88.5908, -4.0126, 32.7359

Details

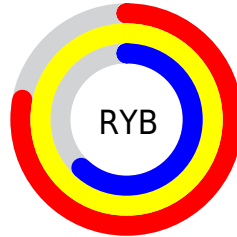
The CIELCh color **91, 36.911, 88.860** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.246, 280.234**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **71, 36.842, 88.857** is the 20% darker color. If you saturate the color by 10%, you get **89, 46.739, 87.775**, and if you desaturate by 10%, it is **93, 26.944, 90.496**.

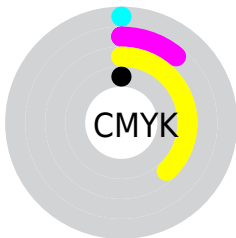
Distribution



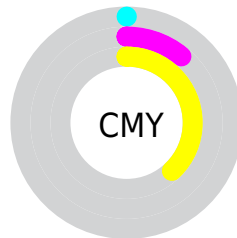
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (78%)
- 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, 36.911, 88.860 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, 36.911, 88.860 by changing the saturation by 10% instead.

 91, 36.911, 88.860

 91, 36.911, 88.860

 100, 36.911,
88.860

 81, 36.911, 88.860

 71, 36.911, 88.860

 61, 36.911, 88.860

 51, 36.911, 88.860

 41, 36.911, 88.860

 31, 36.911, 88.860

 21, 36.911, 88.860

 11, 36.911, 88.860

 1, 36.911, 88.860

91, 36.911, 88.860

91, 36.911, 88.860

89, 46.739, 87.775

93, 26.944, 90.496

87, 56.427, 86.349

96, 17.137, 91.796

84, 65.545, 84.855

98, 7.474, 93.040

82, 73.481, 83.238

100, 0.012,
296.813

81, 79.351, 81.390

79, 82.370, 79.161

78, 82.821, 78.659

Harmonies

Complementary

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



91, 36.911, 88.860



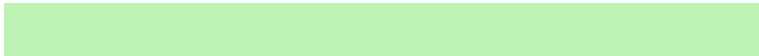
76, 37.246, 280.234

Rectangle

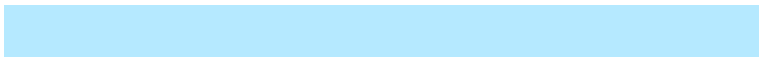
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 36.911, 88.860



91, 36.911, 138.860



91, 36.911, 268.860



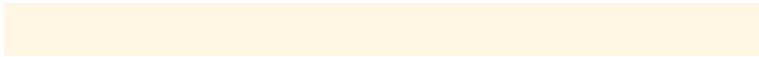
91, 36.911, 318.860

Sweetspot

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



91, 36.846, 89.155



97, 10.487, 92.659



76, 39.480, 0.525



52, 7.056, 92.491



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

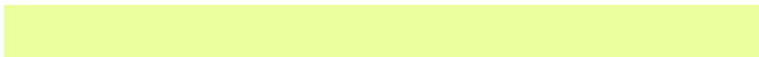
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 36.846, 89.155



89, 43.915, 88.174



97, 48.746, 115.386



52, 5.413, 92.842



60, 66.765, 79.142



20, 28.652, 81.834

Inverse Universe

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



76, 37.246, 280.234



72, 44.626, 281.868



70, 53.305, 301.364



50, 5.432, 275.292



31, 83.671, 298.659



7, 33.580, 293.795

Previews

White Background



This preview shows how the CIELCh color 91, 36.911, 88.860 looks on a white background.

Color Contrast Check

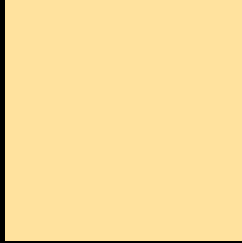
Large Text (above 18pt) WCAG AA × Fail

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, 36.911, 88.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

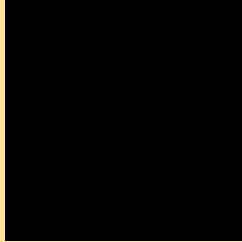
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 36.911, 88.860

Background



This preview shows how black text looks on a background with the CIELCh color 91, 36.911, 88.860.



This preview shows how white text looks on a background with the CIELCh color 91, 36.911, 88.860.

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, 36.911, 88.860

Protanopia

91, 36.175, 95.158

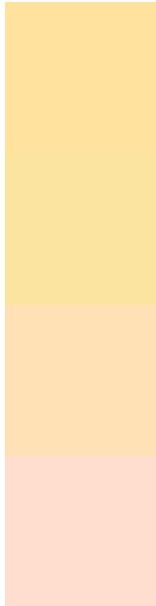
Deuteranopia

91, 19.625, 71.554



Tritanopia
91, 14.315, 352.485

Trichromacy



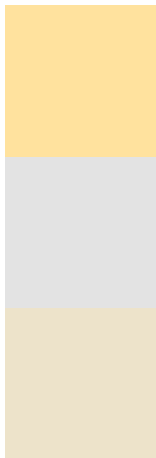
Original Color
91, 36.911, 88.860

Protanomaly
91, 36.600, 92.676

Deuteranomaly
91, 25.651, 81.087

Tritanomaly
91, 14.991, 53.379

Monochromacy



Original Color
91, 36.911, 88.860

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, 36.911, 88.860 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, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 158)  
}
```

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, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 36.911, 88.860 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, 226, 158) }
```

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

```
.border{ border-color:rgb(255, 226, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 36.911, 88.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 158) }
```

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

```
.background{ background-color: rgb(255,  
226, 158) }
```

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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