

Converting Colors

CIELCh(92, 38.707, 81.751)

Have a look what the booklet for
CIELCh(92, 38.707, 81.751) contains.

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Color

CIELCh(91, 36.429, 88.671)

Conversions

Conversions Part 1

Format	Color
Hex	FFE29F
RGB	255, 226, 159
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1120, 0.3749
CMYK	0.00, 0.11, 0.37, 0.00
HSL	42°, 100%, 81%
HSV	42°, 37%, 100%
XYZ	75.0068, 78.4833, 44.1789
YIQ	227.0330, 38.7910, -14.6890

Conversions

Conversions Part 2

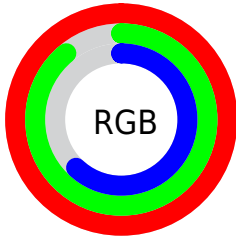
Format	Color
R _Y B	201, 255, 159
Decimal	16769695
CIE Lab	91.00, 0.84, 36.42
CIE LCh	91, 36.429, 88.671
Yxy	78.4833, 0.3795, 0.3970
Android (android.graphics.Color)	4294959775 (0xFFFFE29F)
YUV	227.0330, -33.5403, 24.5271
Hunter-Lab	88.5908, -3.9042, 32.4466

Details

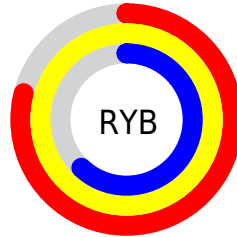
The CIELCh color **91, 36.429, 88.671** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 36.700, 279.912**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **71, 36.343, 88.682** is the 20% darker color. If you saturate the color by 10%, you get **89, 46.251, 87.559**, and if you desaturate by 10%, it is **93, 26.491, 90.285**.

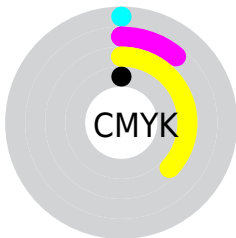
Distribution



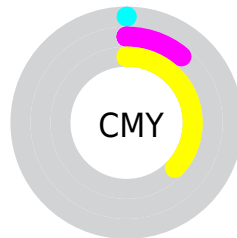
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (79%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 36.429, 88.671 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, 36.429, 88.671 by changing the saturation by 10% instead.

 91, 36.429, 88.671

 91, 36.429, 88.671

 100, 36.429,
88.671

 81, 36.429, 88.671

 71, 36.429, 88.671

 61, 36.429, 88.671

 51, 36.429, 88.671

 41, 36.429, 88.671

 31, 36.429, 88.671

 21, 36.429, 88.671

 11, 36.429, 88.671

 1, 36.429, 88.671

91, 36.429, 88.671

91, 36.429, 88.671

89, 46.251, 87.559

93, 26.491, 90.285

87, 55.944, 86.131

96, 16.716, 91.585

84, 65.096, 84.635

98, 7.090, 92.829

82, 73.106, 83.015

100, 0.012,
296.813

80, 79.097, 81.165

79, 82.241, 78.928

78, 82.777, 78.331

Harmonies

Complementary

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



91, 36.429, 88.671



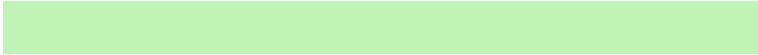
76, 36.700, 279.912

Rectangle

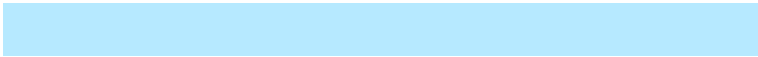
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 36.429, 88.671



91, 36.429, 138.671



91, 36.429, 268.671



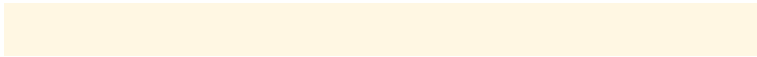
91, 36.429, 318.671

Sweetspot

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



91, 36.369, 88.942



97, 10.451, 92.402



76, 39.077, 0.464



52, 7.031, 92.233



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, 36.369, 88.942



89, 43.799, 87.907



97, 48.281, 115.411



52, 5.394, 92.585



60, 66.726, 78.820



20, 28.597, 81.524

Inverse Universe

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



76, 36.700, 279.912



72, 44.423, 281.631



71, 52.740, 301.321



50, 5.411, 275.041



31, 83.253, 298.492



8, 33.414, 293.613

Previews

White Background



This preview shows how the CIE LCh color 91, 36.429, 88.671 looks on a white background.

Color Contrast Check

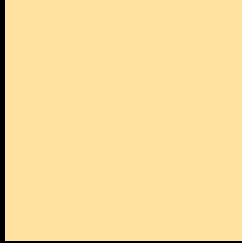
Large Text (above 18pt) WCAG AA × Fail

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, 36.429, 88.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

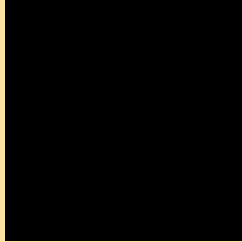
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 36.429, 88.671

Background



This preview shows how black text looks on a background with the CIELCh color 91, 36.429, 88.671.



This preview shows how white text looks on a background with the CIELCh color 91, 36.429, 88.671.

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, 36.429, 88.671

Protanopia

91, 35.594, 95.675

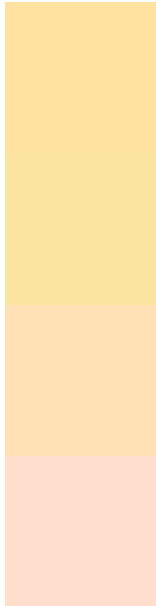
Deuteranopia

91, 19.625, 71.554



Tritanopia
91, 14.315, 352.485

Trichromacy



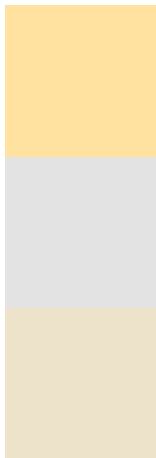
Original Color
91, 36.429, 88.671

Protanomaly
91, 36.004, 93.152

Deuteranomaly
91, 25.651, 81.087

Tritanomaly
91, 14.991, 53.379

Monochromacy



Original Color
91, 36.429, 88.671

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, 36.429, 88.671 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 36.429, 88.671 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, 159) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 159); box-shadow:4px 4px 4px 4px rgb(255, 226, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 36.429, 88.671 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, 159) }
```

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

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