

Converting Colors

CIELCh(100, 68.998, 59.976)

Have a look what the booklet for
CIELCh(100, 68.998, 59.976)
contains.

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Color

CIELCh(91, 46.367, 92.121)

Conversions

Conversions Part 1

Format	Color
Hex	FFE48C
RGB	255, 228, 140
RGB Percent	100%, 89%, 55%
CMY	0.0000, 0.1077, 0.4529
CMYK	0.00, 0.11, 0.45, 0.00
HSL	46°, 100%, 77%
HSV	46°, 45%, 100%
XYZ	73.7665, 78.4833, 35.8839
YIQ	226.0410, 44.3400, -21.6440

Conversions

Conversions Part 2

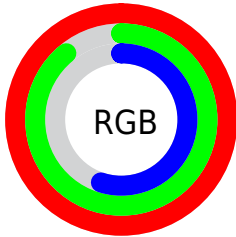
Format	Color
R _Y B	175, 255, 140
Decimal	16770188
CIE Lab	91.00, -1.72, 46.34
CIE LCh	91, 46.367, 92.121
Yxy	78.4833, 0.3921, 0.4172
Android (android.graphics.Color)	4294960268 (0xFFFFE48C)
YUV	226.0410, -42.4182, 25.3970
Hunter-Lab	88.5908, -6.4032, 37.9980

Details

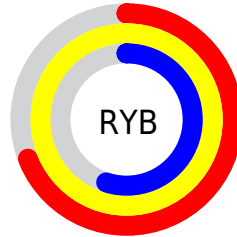
The CIELCh color **91, 46.367, 92.121** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 48.478, 285.641**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **71, 46.199, 92.956** is the 20% darker color. If you saturate the color by 10%, you get **89, 56.262, 91.079**, and if you desaturate by 10%, it is **93, 36.076, 93.707**.

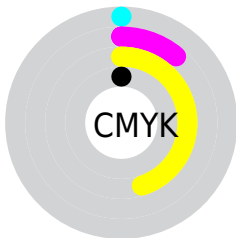
Distribution



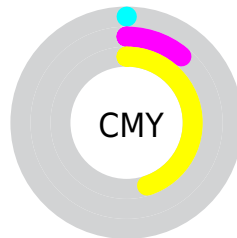
- Red (100%)
- Green (89%)
- Blue (55%)



- Red (69%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 46.367, 92.121 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, 46.367, 92.121 by changing the saturation by 10% instead.

 91, 46.367, 92.121

 91, 46.367, 92.121

 100, 46.367,
92.121

 81, 46.367, 92.121

 71, 46.367, 92.121

 61, 46.367, 92.121

 51, 46.367, 92.121

 41, 46.367, 92.121

 31, 46.367, 92.121

 21, 46.367, 92.121

 11, 46.367, 92.121

 1, 46.367, 92.121

91, 46.367, 92.121

91, 46.367, 92.121

89, 56.262, 91.079

93, 36.076, 93.707

87, 65.601, 89.717

95, 25.773, 94.977

86, 73.756, 88.295

97, 15.504, 96.211

84, 79.918, 86.757

99, 5.325, 97.386

83, 83.268, 85.004

100, 0.012,
296.813

82, 84.041, 84.105

Harmonies

Complementary

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



91, 46.367, 92.121



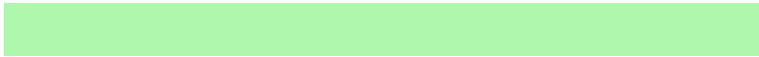
70, 48.478, 285.641

Rectangle

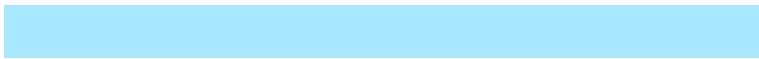
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 46.367, 92.121



91, 46.367, 142.121



91, 46.367, 272.121



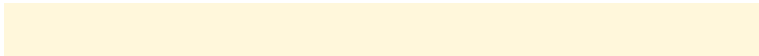
91, 46.367, 322.121

Sweetspot

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



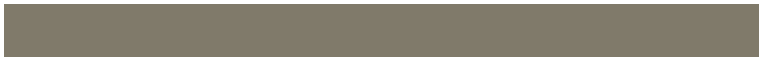
91, 46.304, 92.407



97, 14.187, 96.367



71, 46.905, 5.539



51, 9.806, 96.106



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, 46.304, 92.407



89, 55.004, 91.252



96, 58.217, 117.083



52, 5.745, 96.902



63, 67.786, 84.479



21, 29.688, 86.847

Inverse Universe

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



70, 48.478, 285.641



64, 58.589, 287.800



65, 64.711, 303.708



50, 5.795, 279.247



29, 90.435, 301.165



6, 36.173, 296.359

Previews

White Background



This preview shows how the CIE LCh color 91, 46.367, 92.121 looks on a white background.

Color Contrast Check

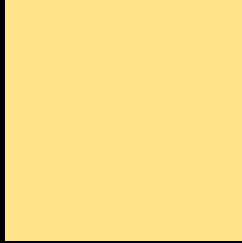
Large Text (above 18pt) WCAG AA × Fail

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, 46.367, 92.121 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, 46.367, 92.121

Background



This preview shows how black text looks on a background with the CIELCh color 91, 46.367, 92.121.



This preview shows how white text looks on a background with the CIELCh color 91, 46.367, 92.121.

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

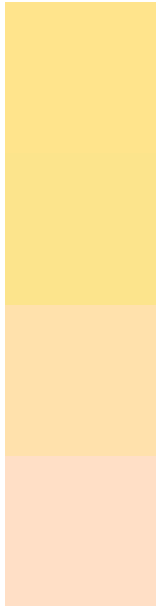




Tritanopia

91, 14.095, 354.359

Trichromacy



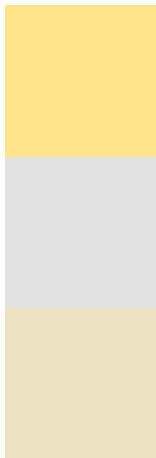
Original Color
91, 46.224, 92.636

Protanomaly
91, 45.917, 94.128

Deuteranomaly
91, 29.889, 84.514

Tritanomaly
91, 17.859, 65.945

Monochromacy



Original Color
91, 46.224, 92.636

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 16.951, 95.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 46.367, 92.121 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, 228, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 140)  
}
```

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, 228, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 46.367, 92.121 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, 228, 140) }
```

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

```
.border{ border-color:rgb(255, 228, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 140); box-shadow:4px 4px 4px 4px rgb(255, 228, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 46.367, 92.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 140) }
```

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

```
.background{ background-color: rgb(255,  
228, 140) }
```

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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