

Converting Colors

CIELCh(91, 40.611, 90.736)

Have a look what the booklet for
CIELCh(91, 40.611, 90.736) contains.

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Color

CIELCh(91, 40.611, 90.736)

Conversions

Conversions Part 1

Format	Color
Hex	FFE397
RGB	255, 227, 151
RGB Percent	100%, 89%, 59%
CMY	0.0000, 0.1095, 0.4076
CMYK	0.00, 0.11, 0.41, 0.00
HSL	44°, 100%, 80%
HSV	44°, 41%, 100%
XYZ	74.3432, 78.4833, 40.5347
YIQ	226.7080, 41.0840, -17.7000

Conversions

Conversions Part 2

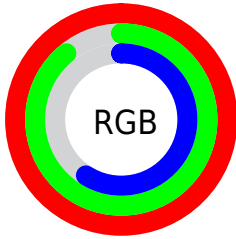
Format	Color
R _Y B	189, 255, 151
Decimal	16769943
CIE Lab	91.00, -0.52, 40.61
CIE LCh	91, 40.611, 90.736
Yxy	78.4833, 0.3845, 0.4059
Android (android.graphics.Color)	4294960023 (0xFFFFE397)
YUV	226.7080, -37.3240, 24.8121
Hunter-Lab	88.5908, -5.2412, 34.8854

Details

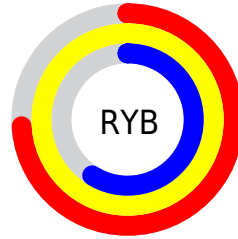
The CIELCh color **91, 40.611, 90.736** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 41.644, 282.674**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **71, 40.638, 90.667** is the 20% darker color. If you saturate the color by 10%, you get **89, 50.572, 89.419**, and if you desaturate by 10%, it is **93, 30.528, 92.103**.

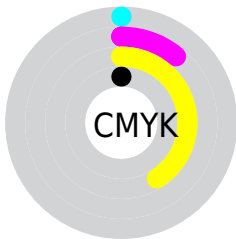
Distribution



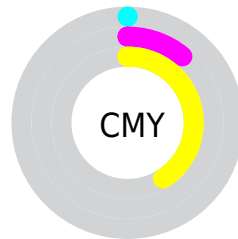
- Red (100%)
- Green (89%)
- Blue (59%)



- Red (74%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 40.611, 90.736 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, 40.611, 90.736 by changing the saturation by 10% instead.

 91, 40.611, 90.736

 91, 40.611, 90.736

 100, 40.611,
90.736

 81, 40.611, 90.736

 71, 40.611, 90.736

 61, 40.611, 90.736

 51, 40.611, 90.736

 41, 40.611, 90.736

 31, 40.611, 90.736

 21, 40.611, 90.736

 11, 40.611, 90.736

 1, 40.611, 90.736

91, 40.611, 90.736

91, 40.611, 90.736

89, 50.572, 89.419

93, 30.528, 92.103

87, 60.181, 88.018

95, 20.483, 93.391

85, 68.988, 86.551

98, 10.538, 94.632

83, 76.291, 84.965

100, 0.728, 95.538

82, 81.185, 83.155

100, 0.012,
296.813

80, 83.276, 81.205

Harmonies

Complementary

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



91, 40.611, 90.736



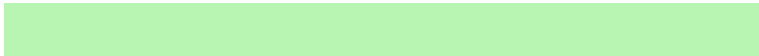
74, 41.644, 282.674

Rectangle

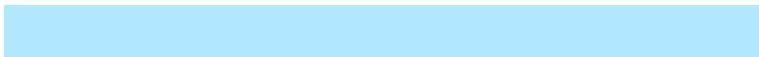
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 40.611, 90.736



91, 40.611, 140.736



91, 40.611, 270.736



91, 40.611, 320.736

Sweetspot

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



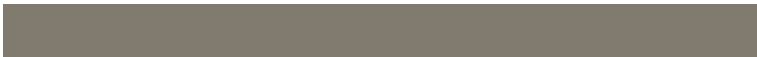
91, 40.604, 90.778



97, 11.765, 94.482



74, 42.390, 2.225



52, 7.812, 94.322



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

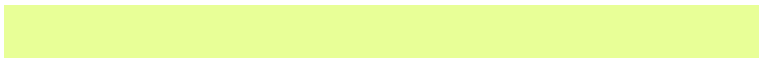
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 40.604, 90.778



89, 48.835, 89.661



96, 52.427, 115.918



52, 5.563, 94.784



62, 67.152, 81.638



20, 29.106, 84.207

Inverse Universe

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



74, 41.644, 282.674



68, 50.618, 284.625



68, 57.725, 302.206



50, 5.597, 277.186



30, 86.876, 299.891



7, 34.829, 295.096

Previews

White Background



This preview shows how the CIE LCh color 91, 40.611, 90.736 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, 40.611, 90.736 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, 40.611, 90.736

Background



This preview shows how black text looks on a background with the CIELCh color 91, 40.611, 90.736.



This preview shows how white text looks on a background with the CIELCh color 91, 40.611, 90.736.

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, 40.611, 90.736

Protanopia

91, 40.190, 95.360

Deuteranopia

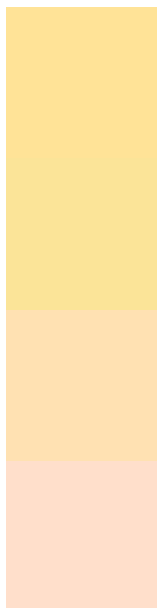
91, 20.050, 72.370



Tritanopia

91, 14.095, 354.359

Trichromacy



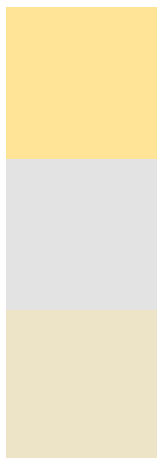
Original Color
91, 40.611, 90.736

Protanomaly
91, 40.017, 93.546

Deuteranomaly
91, 27.053, 82.363

Tritanomaly
91, 15.990, 60.017

Monochromacy



Original Color
91, 40.611, 90.736

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 14.941, 94.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 40.611, 90.736 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 40.611, 90.736 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, 151) }
```

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

```
.border{ border-color:rgb(255, 227, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 227, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 227, 151); box-shadow:4px 4px 4px 4px rgb(255, 227, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 40.611, 90.736 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
227, 151) }
```

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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