

Converting Colors

CIELCh(91, 42.983, 91.908)

Have a look what the booklet for
CIELCh(91, 42.983, 91.908) contains.

CIELCh(91, 43.350, 92.034)	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, 43.350, 92.034)

Conversions

Conversions Part 1

Format	Color
Hex	FFE492
RGB	255, 228, 146
RGB Percent	100%, 89%, 57%
CMY	0.0018, 0.1076, 0.4291
CMYK	0.00, 0.11, 0.43, 0.00
HSL	45°, 99%, 78%
HSV	45°, 43%, 100%
XYZ	73.8520, 78.4833, 38.2830
YIQ	226.7250, 42.4140, -19.7780

Conversions

Conversions Part 2

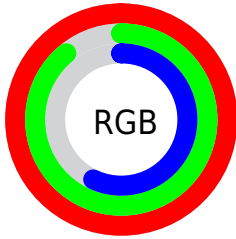
Format	Color
R _Y B	182, 255, 146
Decimal	16770194
CIE Lab	91.00, -1.54, 43.32
CIE LCh	91, 43.350, 92.034
Yxy	78.4833, 0.3874, 0.4117
Android (android.graphics.Color)	4294960274 (0xFFFFE492)
YUV	226.7250, -39.7974, 24.7972
Hunter-Lab	88.5908, -6.2310, 36.3924

Details

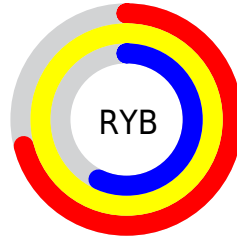
The CIELCh color **91, 43.350, 92.034** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 45.004, 284.472**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **71, 43.418, 91.919** is the 20% darker color. If you saturate the color by 10%, you get **89, 53.344, 90.702**, and if you desaturate by 10%, it is **93, 33.168, 93.344**.

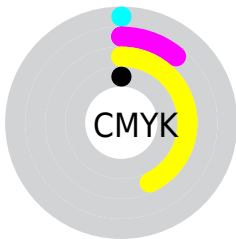
Distribution



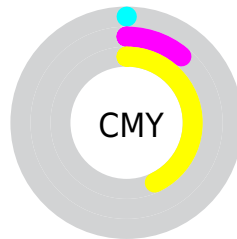
- Red (100%)
- Green (89%)
- Blue (57%)



- Red (71%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 43.350, 92.034 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, 43.350, 92.034 by changing the saturation by 10% instead.

 91, 43.350, 92.034

 91, 43.350, 92.034

 100, 43.350,
92.034

 81, 43.350, 92.034

 71, 43.350, 92.034

 61, 43.350, 92.034

 51, 43.350, 92.034

 41, 43.350, 92.034

 31, 43.350, 92.034

 21, 43.350, 92.034

 11, 43.350, 92.034

 1, 43.350, 92.034

91, 43.350, 92.034

91, 43.350, 92.034

89, 53.344, 90.702

93, 33.168, 93.344

87, 62.849, 89.330

95, 22.960, 94.617

86, 71.367, 87.900

97, 12.815, 95.850

84, 78.142, 86.359

99, 2.779, 96.987

82, 82.300, 84.611

100, 0.158,
203.580

81, 83.658, 83.192

Harmonies

Complementary

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



91, 43.350, 92.034



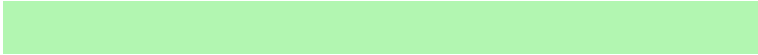
72, 45.004, 284.472

Rectangle

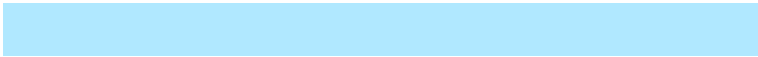
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 43.350, 92.034



91, 43.350, 142.034



91, 43.350, 272.034



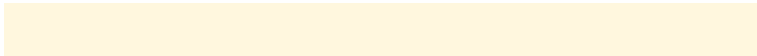
91, 43.350, 322.034

Sweetspot

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



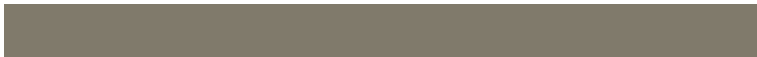
91, 43.351, 92.038



97, 13.033, 95.826



73, 44.184, 5.055



51, 9.133, 95.558



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, 43.351, 92.038



90, 51.642, 90.945



96, 55.120, 117.223



52, 5.686, 96.244



63, 67.564, 83.583



21, 29.497, 86.021

Inverse Universe

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



72, 45.004, 284.472



66, 54.355, 286.441



67, 60.832, 303.447



50, 5.731, 278.607



29, 89.325, 300.778



7, 35.758, 295.983

Previews

White Background



This preview shows how the CIELCh color 91, 43.350, 92.034 looks on a white background.

Color Contrast Check

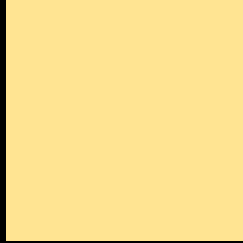
Large Text (above 18pt) WCAG AA × Fail

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, 43.350, 92.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

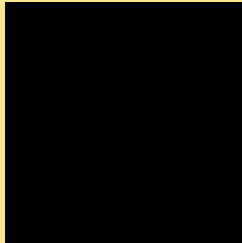
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 43.350, 92.034

Background



This preview shows how black text looks on a background with the CIELCh color 91, 43.350, 92.034.



This preview shows how white text looks on a background with the CIELCh color 91, 43.350, 92.034.

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, 43.350, 92.034

Protanopia

91, 43.199, 95.306

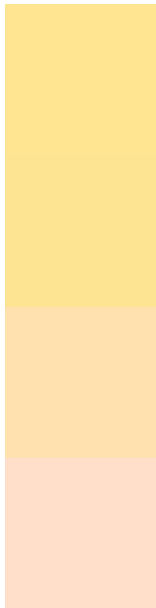
Deuteranopia

91, 20.479, 73.150



Tritanopia
91, 14.095, 354.359

Trichromacy



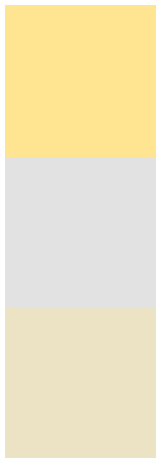
Original Color
91, 43.350, 92.034

Protanomaly
91, 43.029, 93.611

Deuteranomaly
91, 28.467, 83.499

Tritanomaly
91, 16.715, 62.553

Monochromacy



Original Color
91, 43.350, 92.034

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 15.860, 96.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 43.350, 92.034 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 43.350, 92.034 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, 146) }
```

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

```
.border{ border-color:rgb(255, 228, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 43.350, 92.034 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, 146) }
```

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

```
.background{ background-color: rgb(255,  
228, 146) }
```

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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