

Converting Colors

CIE LCh(91, 42.004, 92.035)

Have a look what the booklet for
CIELCh(91, 42.004, 92.035) contains.

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Color

CIELCh(91, 42.275, 92.341)

Conversions

Conversions Part 1

Format	Color
Hex	FEE494
RGB	254, 228, 148
RGB Percent	100%, 89%, 58%
CMY	0.0050, 0.1069, 0.4206
CMYK	0.00, 0.10, 0.42, 0.01
HSL	45°, 98%, 79%
HSV	45°, 42%, 99%
XYZ	73.7613, 78.4833, 39.1709
YIQ	226.6540, 41.1760, -19.3680

Conversions

Conversions Part 2

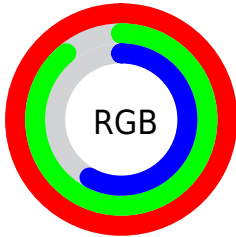
Format	Color
RYB	182, 254, 148
Decimal	16704660
CIELab	91.00, -1.73, 42.24
CIELCh	91, 42.275, 92.341
Yxy	78.4833, 0.3853, 0.4100
Android (android.graphics.Color)	4294894740 (0xFFEE494)
YUV	226.6540, -38.7764, 23.9824
Hunter-Lab	88.5908, -6.4136, 35.7982

Details

The CIELCh color **91, 42.275, 92.341** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 43.869, 284.385**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **71, 42.324, 92.297** is the 20% darker color. If you saturate the color by 10%, you get **89, 52.284, 91.016**, and if you desaturate by 10%, it is **93, 32.095, 93.644**.

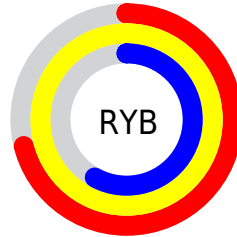
Distribution



Red (100%)

Green (89%)

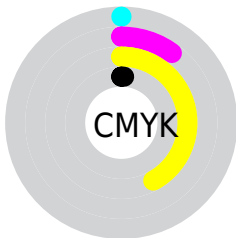
Blue (58%)



Red (71%)

Yellow (100%)

Blue (58%)

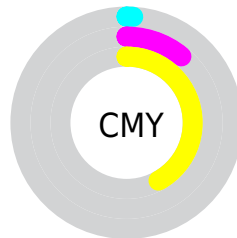


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 42.275, 92.341 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, 42.275, 92.341 by changing the saturation by 10% instead.

 91, 42.275, 92.341

 91, 42.275, 92.341

 100, 42.275,
92.341

 81, 42.275, 92.341

 71, 42.275, 92.341

 61, 42.275, 92.341

 51, 42.275, 92.341

 41, 42.275, 92.341

 31, 42.275, 92.341

 21, 42.275, 92.341

 11, 42.275, 92.341

 1, 42.275, 92.341

91, 42.275, 92.341

91, 42.275, 92.341

89, 52.284, 91.016

93, 32.095, 93.644

87, 61.839, 89.654

95, 21.898, 94.911

86, 70.466, 88.238

97, 11.768, 96.136

84, 77.437, 86.722

99, 1.747, 97.222

82, 81.879, 85.015

100, 0.447,
200.859

81, 83.515, 83.419

Harmonies

Complementary

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



91, 42.275, 92.341



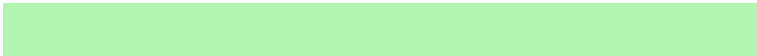
72, 43.869, 284.385

Rectangle

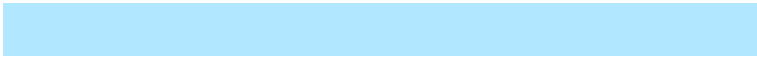
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 42.275, 92.341



91, 42.275, 142.341



91, 42.275, 272.341



91, 42.275, 322.341

Sweetspot

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



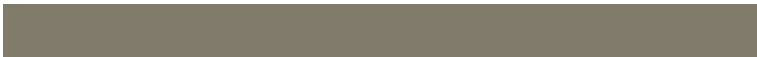
91, 42.276, 92.345



97, 13.065, 95.988



73, 42.961, 4.859



51, 9.155, 95.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

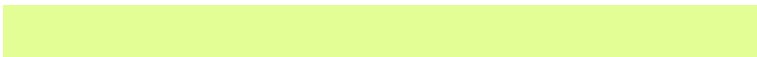
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 42.276, 92.345



90, 50.745, 91.252



96, 53.711, 117.284



52, 5.700, 96.405



63, 67.616, 83.802



21, 29.543, 86.223

Inverse Universe

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



72, 43.869, 284.385



67, 53.379, 286.333



67, 59.103, 303.339



50, 5.747, 278.764



29, 89.596, 300.873



7, 35.860, 296.076

Previews

White Background



This preview shows how the CIELCh color 91, 42.275, 92.341 looks on a white background.

Color Contrast Check

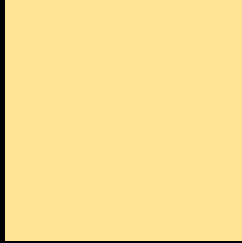
Large Text (above 18pt) WCAG AA × Fail

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, 42.275, 92.341 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, 42.275, 92.341

Background



This preview shows how black text looks on a background with the CIELCh color 91, 42.275, 92.341.

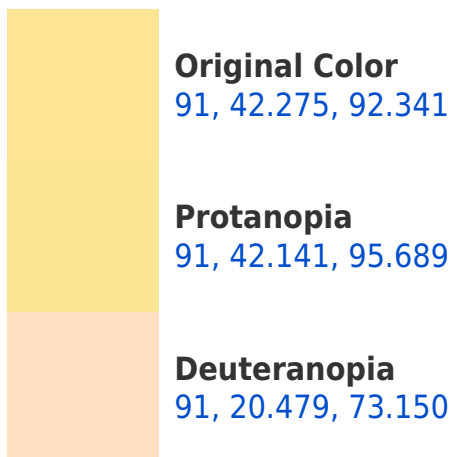


This preview shows how white text looks on a background with the CIELCh color 91, 42.275, 92.341.

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](#).

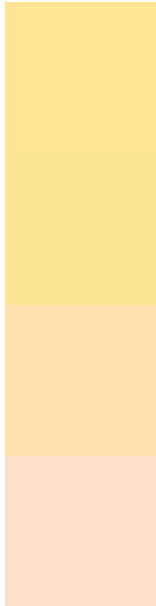
Dichromacy





Tritanopia
91, 14.315, 352.485

Trichromacy



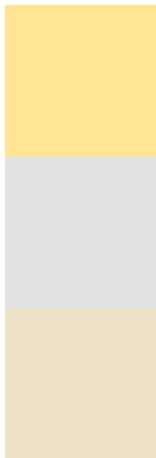
Original Color
91, 42.275, 92.341

Protanomaly
91, 42.319, 94.608

Deuteranomaly
91, 27.994, 83.135

Tritanomaly
91, 16.348, 61.314

Monochromacy



Original Color
91, 42.275, 92.341

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 15.355, 96.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 42.275, 92.341 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(254, 228, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 148)  
}
```

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(254, 228, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 42.275, 92.341 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(254, 228, 148) }
```

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

```
.border{ border-color:rgb(254, 228, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 42.275, 92.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 148) }
```

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

```
.background{ background-color: rgb(254,  
228, 148) }
```

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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