

Converting Colors

CIELCh(91, 34.115, 99.412)

Have a look what the booklet for
CIELCh(91, 34.115, 99.412) contains.

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Color

CIELCh(91, 34.141, 99.397)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6A4
RGB	242, 230, 164
RGB Percent	95%, 90%, 64%
CMY	0.0492, 0.0963, 0.3553
CMYK	0.00, 0.05, 0.32, 0.05
HSL	51°, 76%, 80%
HSV	51°, 32%, 95%
XYZ	71.9238, 78.4833, 46.6738
YIQ	226.0640, 28.3380, -17.9820

Conversions

Conversions Part 2

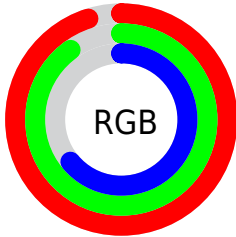
Format	Color
RYB	178, 242, 164
Decimal	15918756
CIELab	91.00, -5.57, 33.68
CIElCh	91, 34.141, 99.397
Yxy	78.4833, 0.3649, 0.3982
Android (android.graphics.Color)	4294108836 (0xFFFF2E6A4)
YUV	226.0640, -30.5976, 13.9759
Hunter-Lab	88.5908, -10.1160, 30.7768

Details

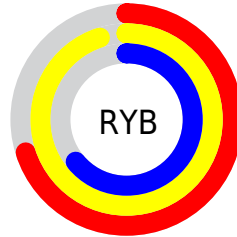
The CIELCh color **91, 34.141, 99.397** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 35.909, 287.567**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **71, 34.058, 99.607** is the 20% darker color. If you saturate the color by 10%, you get **90, 44.586, 98.234**, and if you desaturate by 10%, it is **92, 23.547, 100.556**.

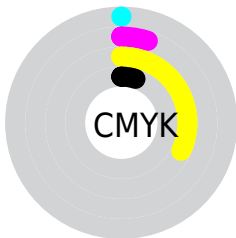
Distribution



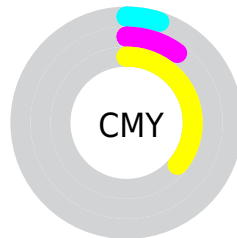
- Red (95%)
- Green (90%)
- Blue (64%)



- Red (70%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 34.141, 99.397 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, 34.141, 99.397 by changing the saturation by 10% instead.

91, 34.141, 99.397

91, 34.141, 99.397

100, 34.141,
99.397

81, 34.141, 99.397

71, 34.141, 99.397

61, 34.141, 99.397

51, 34.141, 99.397

41, 34.141, 99.397

31, 34.141, 99.397

21, 34.141, 99.397

11, 34.141, 99.397

1, 34.141, 99.397

91, 34.141, 99.397

91, 34.141, 99.397

90, 44.586, 98.234

92, 23.547,
100.556

88, 54.687, 97.066

94, 12.912,
101.686

87, 64.128, 95.908

86, 72.414, 94.765

95, 2.301, 102.737

85, 78.858, 93.632

97, 5.026, 279.035

84, 82.745, 92.483

98, 3.764, 252.923

83, 84.046, 91.552

99, 3.731, 216.727

99, 4.332, 199.284

Harmonies

Complementary

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



91, 34.141, 99.397



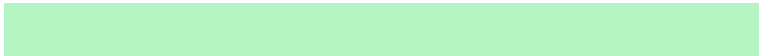
73, 35.909, 287.567

Rectangle

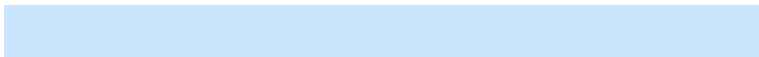
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 34.141, 99.397



91, 34.141, 149.397



91, 34.141, 279.397



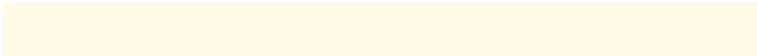
91, 34.141, 329.397

Sweetspot

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



91, 34.142, 99.401



98, 11.032, 101.925



75, 30.986, 9.482



52, 7.530, 101.769



0, 0.000, 0.000



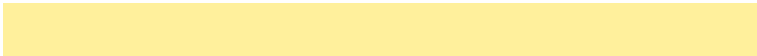
53, 0.007, 296.813

Same Dimension

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



91, 34.142, 99.401



94, 43.009, 98.594



92, 40.837, 121.257



51, 6.065, 101.984



66, 69.028, 91.760



21, 29.203, 93.615

Inverse Universe

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



73, 35.909, 287.567



72, 45.897, 288.877



72, 43.485, 305.148



47, 6.154, 284.158



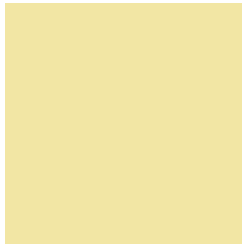
25, 96.707, 303.795



5, 35.647, 296.989

Previews

White Background



This preview shows how the CIELCh color 91, 34.141, 99.397 looks on a white background.

Color Contrast Check

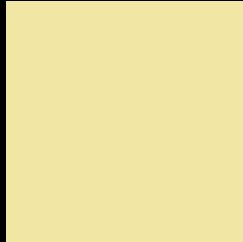
Large Text (above 18pt) WCAG AA × Fail

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, 34.141, 99.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

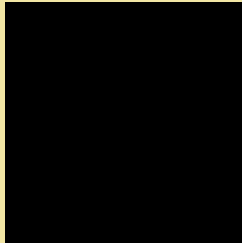
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 34.141, 99.397

Background



This preview shows how black text looks on a background with the CIELCh color 91, 34.141, 99.397.



This preview shows how white text looks on a background with the CIELCh color 91, 34.141, 99.397.

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, 34.141, 99.397

Protanopia

91, 34.111, 95.331

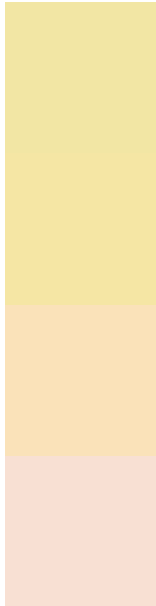
Deuteranopia

91, 18.788, 69.806



Tritanopia
91, 13.897, 341.148

Trichromacy



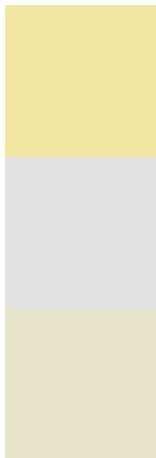
Original Color
91, 34.141, 99.397

Protanomaly
91, 34.338, 97.422

Deuteranomaly
91, 23.162, 84.742

Tritanomaly
91, 11.192, 56.608

Monochromacy



Original Color
91, 34.141, 99.397

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 12.481, 102.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 34.141, 99.397 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(242, 230, 164)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 164)  
}
```

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(242, 230, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 34.141, 99.397 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(242, 230, 164) }
```

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

```
.border{ border-color:rgb(242, 230, 164) }
```

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

Here you see how a box with a 4 pixel rgb(242, 230, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 164);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 34.141, 99.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 164) }
```

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

```
.background{ background-color: rgb(242,  
230, 164) }
```

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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