

Converting Colors

CIELCh(91, 34.800, 96.976)

Have a look what the booklet for
CIELCh(91, 34.800, 96.976) contains.

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Color

CIELCh(91, 34.834, 97.512)

Conversions

Conversions Part 1

Format	Color
Hex	F5E6A3
RGB	245, 230, 163
RGB Percent	96%, 90%, 64%
CMY	0.0401, 0.0989, 0.3616
CMYK	0.00, 0.06, 0.33, 0.04
HSL	49°, 80%, 80%
HSV	49°, 33%, 96%
XYZ	72.4081, 78.4833, 45.8870
YIQ	226.8470, 30.4470, -17.6570

Conversions

Conversions Part 2

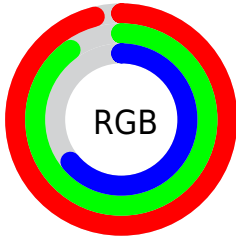
Format	Color
RYB	181, 245, 163
Decimal	16115363
CIELab	91.00, -4.55, 34.54
CIELCh	91, 34.834, 97.512
Yxy	78.4833, 0.3680, 0.3988
Android (android.graphics.Color)	4294305443 (0xFF5E6A3)
YUV	226.8470, -31.4766, 15.9202
Hunter-Lab	88.5908, -9.1402, 31.3034

Details

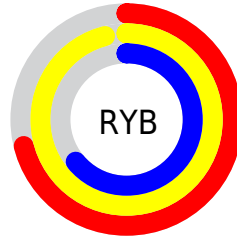
The CIELCh color **91, 34.834, 97.512** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 36.456, 286.285**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **71, 34.770, 97.555** is the 20% darker color. If you saturate the color by 10%, you get **90, 45.119, 96.304**, and if you desaturate by 10%, it is **93, 24.422, 98.711**.

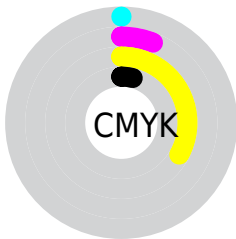
Distribution



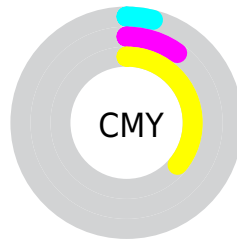
- Red (96%)
- Green (90%)
- Blue (64%)



- Red (71%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 34.834, 97.512 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, 34.834, 97.512 by changing the saturation by 10% instead.

 91, 34.834, 97.512

 91, 34.834, 97.512

 100, 34.834,
97.512

 81, 34.834, 97.512

 71, 34.834, 97.512

 61, 34.834, 97.512

 51, 34.834, 97.512

 41, 34.834, 97.512

 31, 34.834, 97.512

 21, 34.834, 97.512

 11, 34.834, 97.512

 1, 34.834, 97.512

91, 34.834, 97.512

91, 34.834, 97.512

90, 45.119, 96.304

93, 24.422, 98.711

88, 55.078, 95.081

94, 13.989, 99.877

87, 64.384, 93.853

96, 3.600, 100.980

85, 72.518, 92.617

97, 3.859, 275.362

84, 78.754, 91.352

99, 2.916, 229.213

83, 82.351, 90.008

99, 3.533, 199.369

82, 83.383, 89.076

Harmonies

Complementary

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



91, 34.834, 97.512



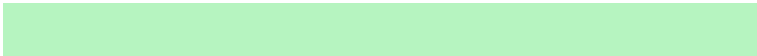
74, 36.456, 286.285

Rectangle

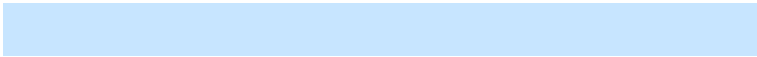
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 34.834, 97.512



91, 34.834, 147.512



91, 34.834, 277.512



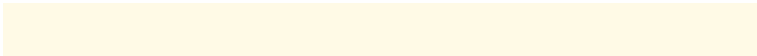
91, 34.834, 327.512

Sweetspot

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



91, 34.835, 97.516



98, 10.704, 100.272



75, 32.662, 8.423



52, 7.307, 100.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

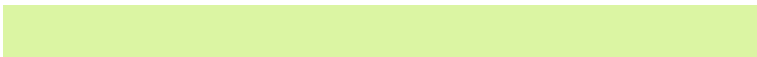
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 34.835, 97.516



93, 42.953, 96.718



93, 42.653, 120.516



50, 5.884, 100.332



64, 67.997, 89.343



20, 28.536, 91.467

Inverse Universe

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



74, 36.456, 286.285



72, 45.514, 287.582



72, 45.627, 304.702



48, 5.959, 282.562



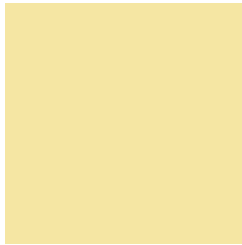
26, 94.104, 302.991



5, 34.842, 296.353

Previews

White Background



This preview shows how the CIE LCh color 91, 34.834, 97.512 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, 34.834, 97.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

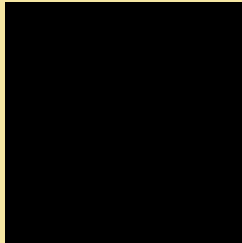
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 34.834, 97.512

Background



This preview shows how black text looks on a background with the CIELCh color 91, 34.834, 97.512.

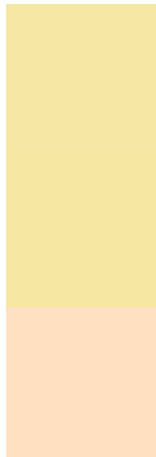


This preview shows how white text looks on a background with the CIELCh color 91, 34.834, 97.512.

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, 34.834, 97.512

Protanopia

91, 35.100, 95.565

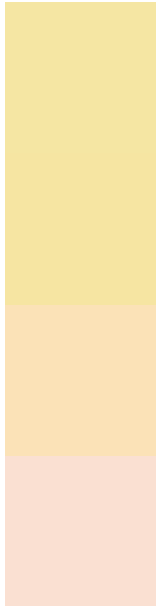
Deuteranopia

91, 19.204, 70.700



Tritanopia
91, 14.757, 343.916

Trichromacy



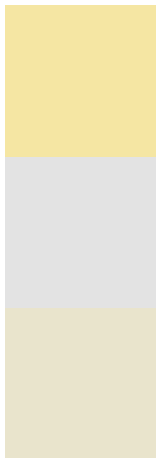
Original Color
91, 34.834, 97.512

Protanomaly
91, 35.015, 96.206

Deuteranomaly
91, 24.278, 84.730

Tritanomaly
91, 12.128, 56.362

Monochromacy



Original Color
91, 34.834, 97.512

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 12.529, 100.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 34.834, 97.512 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(245, 230, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 163)  
}
```

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(245, 230, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 34.834, 97.512 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(245, 230, 163) }
```

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

```
.border{ border-color:rgb(245, 230, 163) }
```

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

Here you see how a box with a 4 pixel rgb(245, 230, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 34.834, 97.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 163) }
```

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

```
.background{ background-color: rgb(245,  
230, 163) }
```

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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