

Converting Colors

CIELCh(93, 18.938, 96.531)

Have a look what the booklet for
CIELCh(93, 18.938, 96.531) contains.

CIELCh(93, 18.847, 97.123)	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(93, 18.847, 97.123)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBC7
RGB	245, 235, 199
RGB Percent	96%, 92%, 78%
CMY	0.0391, 0.0783, 0.2195
CMYK	0.00, 0.04, 0.19, 0.04
HSL	47°, 70%, 87%
HSV	47°, 19%, 96%
XYZ	77.6867, 82.9670, 65.9627
YIQ	233.8860, 17.5160, -9.0760

Conversions

Conversions Part 2

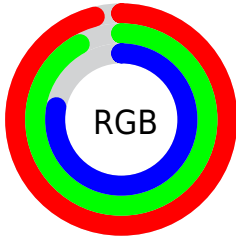
Format	Color
R _Y B	212, 245, 199
Decimal	16116679
CIE Lab	93.00, -2.34, 18.70
CIE LCh	93, 18.847, 97.123
Yxy	82.9670, 0.3428, 0.3661
Android (android.graphics.Color)	4294306759 (0xFFFF5EBC7)
YUV	233.8860, -17.1988, 9.7470
Hunter-Lab	91.0862, -7.1596, 20.8238

Details

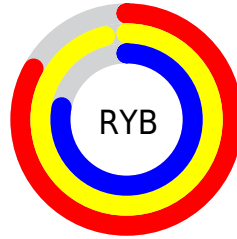
The CIELCh color **93, 18.847, 97.123** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 19.194, 281.827**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 18.690, 97.189** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.984, 95.908**, and if you desaturate by 10%, it is **95, 8.764, 98.311**.

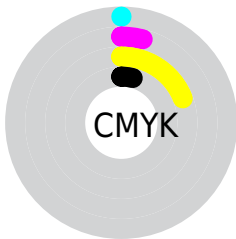
Distribution



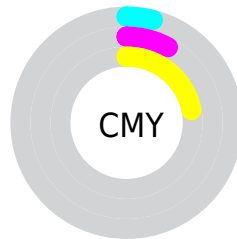
- Red (96%)
- Green (92%)
- Blue (78%)



- Red (83%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 18.847, 97.123 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 93, 18.847, 97.123 by changing the saturation by 10% instead.

 93, 18.847, 97.123

 93, 18.847, 97.123

 100, 18.847,
97.123

 83, 18.847, 97.123

 73, 18.847, 97.123

 63, 18.847, 97.123

 53, 18.847, 97.123

 43, 18.847, 97.123

 33, 18.847, 97.123

 23, 18.847, 97.123

 13, 18.847, 97.123

 3, 18.847, 97.123

93, 18.847, 97.123

93, 18.847, 97.123

91, 28.984, 95.908

95, 8.764, 98.311

89, 39.095, 94.656

97, 1.230, 279.643

88, 49.046, 93.380

98, 2.886, 244.647

86, 58.595, 92.084

99, 3.451, 199.378

85, 67.334, 90.761

83, 74.630, 89.384

82, 79.673, 87.898

80, 81.971, 86.227

80, 82.173, 86.017

Harmonies

Complementary

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



93, 18.847, 97.123



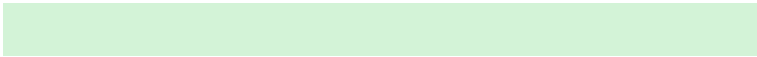
84, 19.194, 281.827

Rectangle

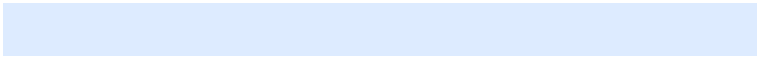
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 18.847, 97.123



93, 18.847, 147.123



93, 18.847, 277.123



93, 18.847, 327.123

Sweetspot

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



93, 18.849, 97.130



99, 6.178, 98.623



84, 17.966, 2.647



53, 4.100, 98.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 18.849, 97.130



96, 23.890, 96.612



95, 23.900, 119.392



50, 5.675, 98.229



62, 66.958, 86.347



19, 27.790, 88.754

Inverse Universe

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



84, 19.194, 281.827



84, 24.435, 282.497



83, 24.824, 301.817



48, 5.734, 280.524



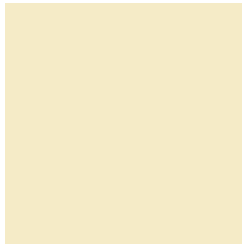
27, 90.664, 301.866



5, 33.793, 295.457

Previews

White Background



This preview shows how the CIE LCh color 93, 18.847, 97.123 looks on a white background.

Color Contrast Check

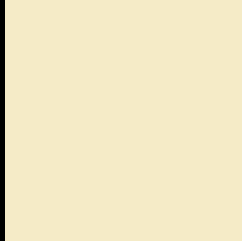
Large Text (above 18pt) WCAG AA × Fail

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 93, 18.847, 97.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

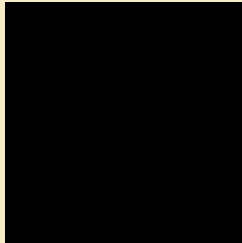
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 18.847, 97.123

Background



This preview shows how black text looks on a background with the CIELCh color 93, 18.847, 97.123.

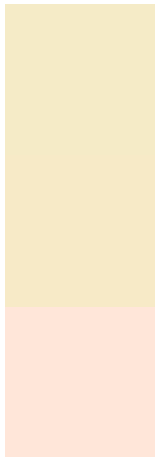


This preview shows how white text looks on a background with the CIELCh color 93, 18.847, 97.123.

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

93, 18.847, 97.123

Protanopia

93, 18.629, 93.410

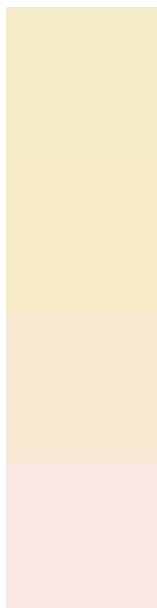
Deuteranopia

93, 11.433, 55.515



Tritanopia
93, 12.386, 331.697

Trichromacy



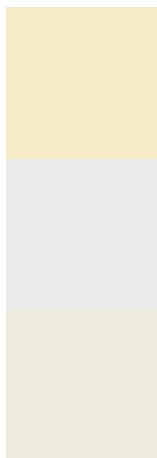
Original Color
93, 18.847, 97.123

Protanomaly
93, 18.531, 94.547

Deuteranomaly
93, 13.359, 77.168

Tritanomaly
93, 6.589, 28.714

Monochromacy



Original Color
93, 18.847, 97.123

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.830, 97.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 18.847, 97.123 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, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 199)  
}
```

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, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 18.847, 97.123 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, 235, 199) }
```

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

```
.border{ border-color:rgb(245, 235, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 18.847, 97.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 199) }
```

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

```
.background{ background-color: rgb(245,  
235, 199) }
```

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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