

Converting Colors

CIELCh(91, 18.939, 97.069)

Have a look what the booklet for
CIELCh(91, 18.939, 97.069) contains.

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Color

CIELCh(91, 18.939, 97.069)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFE5C1 |
| RGB | 239, 229, 193 |
| RGB Percent | 94%, 90%, 76% |
| CMY | 0.0615, 0.1007, 0.2419 |
| CMYK | 0.00, 0.04, 0.19, 0.06 |
| HSL | 47°, 59%, 85% |
| HSV | 47°, 19%, 94% |
| XYZ | 73.4708, 78.4833, 61.9072 |
| YIQ | 227.8860, 17.5160, -9.0760 |

Conversions

Conversions Part 2

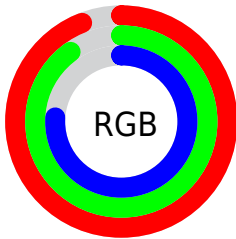
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 206, 239, 193 |
| Decimal | 15721921 |
| CIE Lab | 91.00, -2.33, 18.80 |
| CIE LCh | 91, 18.939, 97.069 |
| Yxy | 78.4833, 0.3435, 0.3670 |
| Android (android.graphics.Color) | 4293912001 (0xFFEFE5C1) |
| YUV | 227.8860, -17.1988, 9.7470 |
| Hunter-Lab | 88.5908, -6.9989, 20.5818 |

Details

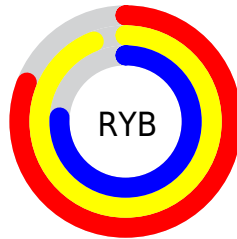
The CIELCh color **91, 18.939, 97.069** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 19.296, 281.889**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **71, 19.318, 97.357** is the 20% darker color. If you saturate the color by 10%, you get **89, 28.885, 95.854**, and if you desaturate by 10%, it is **93, 9.044, 98.257**.

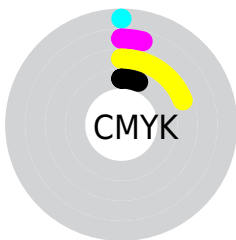
Distribution



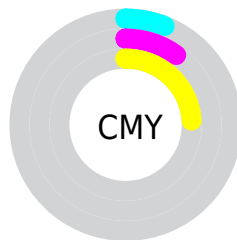
- Red (94%)
- Green (90%)
- Blue (76%)



- Red (81%)
- Yellow (94%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 18.939, 97.069 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, 18.939, 97.069 by changing the saturation by 10% instead.

91, 18.939, 97.069

91, 18.939, 97.069

100, 18.939,
97.069

81, 18.939, 97.069

71, 18.939, 97.069

61, 18.939, 97.069

51, 18.939, 97.069

41, 18.939, 97.069

31, 18.939, 97.069

21, 18.939, 97.069

11, 18.939, 97.069

1, 18.939, 97.069

91, 18.939, 97.069

91, 18.939, 97.069

89, 28.885, 95.854

93, 9.044, 98.257

88, 38.801, 94.602

95, 0.766, 279.681

86, 48.554, 93.328

96, 5.481, 270.013

84, 57.900, 92.032

98, 4.437, 233.529

83, 66.434, 90.709

99, 5.393, 199.186

81, 73.528, 89.331

80, 78.386, 87.842

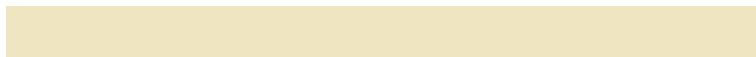
79, 80.600, 86.170

79, 80.732, 86.039

Harmonies

Complementary

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



91, 18.939, 97.069



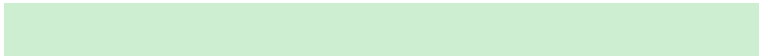
82, 19.296, 281.889

Rectangle

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



91, 18.939, 97.069



91, 18.939, 147.069



91, 18.939, 277.069



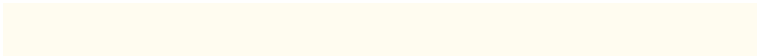
91, 18.939, 327.069

Sweetspot

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



91, 18.941, 97.076



99, 6.178, 98.620



82, 18.069, 2.699



53, 4.100, 98.547



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, 18.941, 97.076



96, 23.889, 96.609



93, 24.010, 119.365



49, 5.578, 98.229



62, 66.279, 86.362



19, 26.584, 88.885

Inverse Universe

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



82, 19.296, 281.889



84, 24.434, 282.494



81, 24.961, 301.850



47, 5.635, 280.519



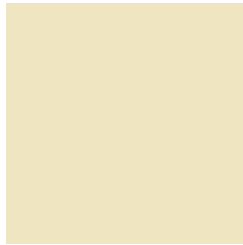
27, 89.656, 301.838



5, 32.098, 294.375

Previews

White Background



This preview shows how the CIELCh color 91, 18.939, 97.069 looks on a white background.

Color Contrast Check

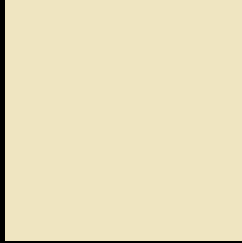
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 18.939, 97.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

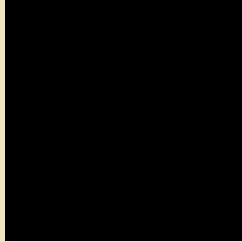
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 18.939, 97.069

Background



This preview shows how black text looks on a background with the CIELCh color 91, 18.939, 97.069.

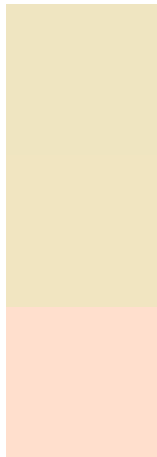


This preview shows how white text looks on a background with the CIELCh color 91, 18.939, 97.069.

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, 18.939, 97.069

Protanopia

91, 19.108, 94.817

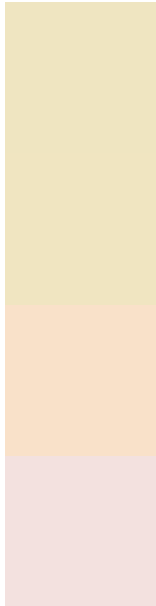
Deuteranopia

91, 15.302, 57.238



Tritanopia
91, 11.817, 332.044

Trichromacy



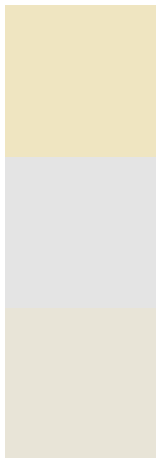
Original Color
91, 18.939, 97.069

Protanomaly
91, 19.019, 95.938

Deuteranomaly
91, 15.404, 73.004

Tritanomaly
91, 6.625, 28.722

Monochromacy



Original Color
91, 18.939, 97.069

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.864, 97.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 18.939, 97.069 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(239, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(239, 229, 193)  
}
```

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(239, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 18.939, 97.069 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(239, 229, 193) }
```

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

```
.border{ border-color:rgb(239, 229, 193) }
```

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

Here you see how a box with a 4 pixel rgb(239, 229, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(239, 229,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 18.939, 97.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 193) }
```

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

```
.background{ background-color: rgb(239,  
229, 193) }
```

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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