

Converting Colors

CIELCh(97, 5.854, 77.289)

Have a look what the booklet for
CIELCh(97, 5.854, 77.289) contains.

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Color

CIE LCh(97, 6.016, 77.211)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEF5EB |
| RGB | 254, 245, 235 |
| RGB Percent | 100%, 96%, 92% |
| CMY | 0.0036, 0.0389, 0.0781 |
| CMYK | 0.00, 0.04, 0.07, 0.00 |
| HSL | 32°, 91%, 96% |
| HSV | 32°, 7%, 100% |
| XYZ | 88.5844, 92.4403, 91.8302 |
| YIQ | 246.5510, 8.5740, -1.2020 |

Conversions

Conversions Part 2

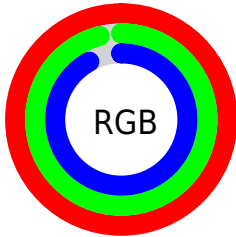
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 252, 254, 235 |
| Decimal | 16709099 |
| CIE _{Lab} | 97.00, 1.33, 5.87 |
| CIE _{LCh} | 97, 6.016, 77.211 |
| Yxy | 92.4403, 0.3247, 0.3388 |
| Android (android.graphics.Color) | 4294899179 (0xFFFEF5EB) |
| YUV | 246.5510, -5.6946, 6.5328 |
| Hunter-Lab | 96.1459, -3.7936, 10.6735 |

Details

The CIELCh color **97, 6.016, 77.211** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.938, 259.291**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.136, 79.992** is the 20% darker color. If you saturate the color by 10%, you get **93, 14.373, 75.998**, and if you desaturate by 10%, it is **100, 0.320, 201.459**.

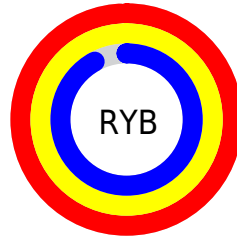
Distribution



Red (100%)

Green (96%)

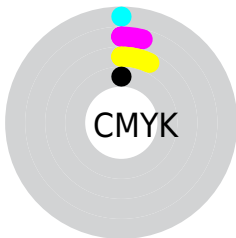
Blue (92%)



Red (99%)

Yellow (100%)

Blue (92%)

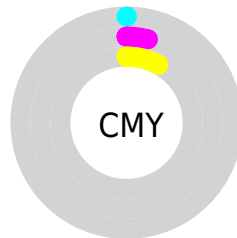


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)








Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.016, 77.211 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 97, 6.016, 77.211 by changing the saturation by 10% instead.

| | |
|--|---|
|  97, 6.016, 77.211 |  97, 6.016, 77.211 |
|  100, 6.016, 77.211 |  87, 6.016, 77.211 |
| |  77, 6.016, 77.211 |
| |  67, 6.016, 77.211 |
| |  57, 6.016, 77.211 |
| |  47, 6.016, 77.211 |
| |  37, 6.016, 77.211 |
| |  27, 6.016, 77.211 |
| |  17, 6.016, 77.211 |
| |  7, 6.016, 77.211 |

97, 6.016, 77.211

97, 6.016, 77.211

93, 14.373, 75.998

100, 0.320,
201.459

90, 23.091, 74.704

87, 32.179, 73.385

83, 41.609, 72.042

80, 51.282, 70.663

77, 60.964, 69.205

74, 70.166, 67.566

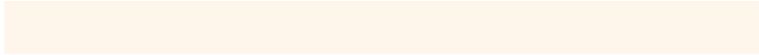
71, 77.998, 65.529

69, 83.317, 62.770

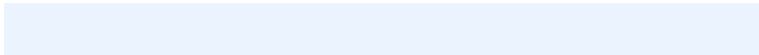
Harmonies

Complementary

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



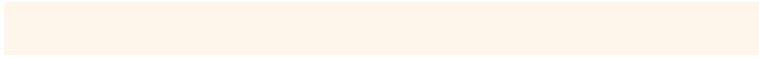
97, 6.016, 77.211



96, 5.938, 259.291

Rectangle

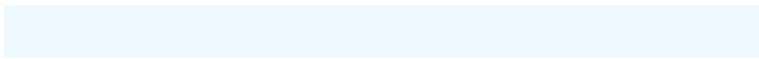
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 6.016, 77.211



97, 6.016, 127.211



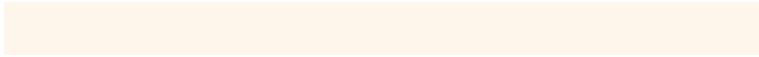
97, 6.016, 257.211



97, 6.016, 307.211

Sweetspot

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



97, 6.017, 77.236



99, 1.589, 77.730



95, 8.257, 345.134



53, 0.903, 77.729



0, 0.000, 0.000



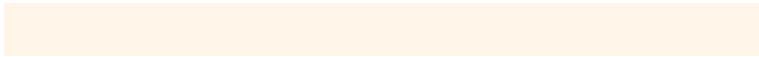
53, 0.007, 296.813

Same Dimension

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



97, 6.017, 77.236



97, 7.288, 77.055



99, 9.626, 110.124



51, 4.609, 76.994



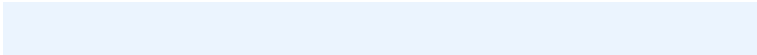
52, 67.993, 62.726



17, 27.025, 64.492

Inverse Universe

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



96, 5.938, 259.291



95, 7.164, 259.495



94, 9.805, 291.584



50, 4.525, 259.565



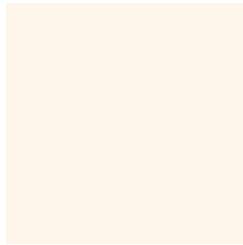
40, 61.466, 286.682



11, 24.898, 280.342

Previews

White Background



This preview shows how the CIELCh color 97, 6.016, 77.211 looks on a white background.

Color Contrast Check

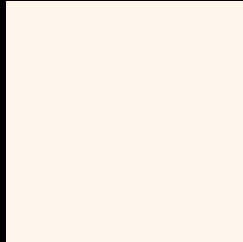
Large Text (above 18pt) WCAG AA × Fail

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 97, 6.016, 77.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

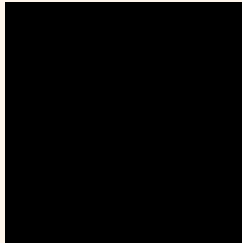
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 6.016, 77.211

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.016, 77.211.

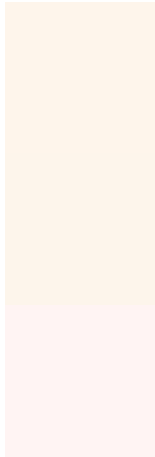


This preview shows how white text looks on a background with the CIELCh color 97, 6.016, 77.211.

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


97, 6.016, 77.211

Protanopia

97, 5.831, 80.220

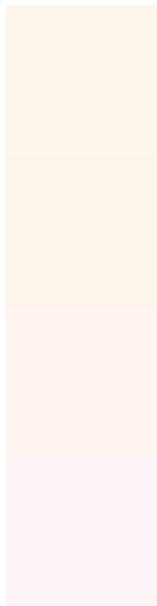
Deuteranopia

97, 3.939, 26.928



Tritanopia
97, 7.103, 319.977

Trichromacy



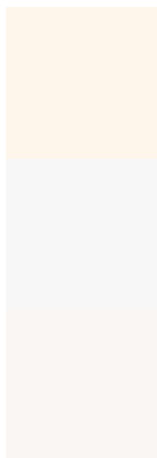
Original Color
97, 6.016, 77.211

Protanomaly
97, 5.831, 80.220

Deuteranomaly
97, 4.410, 47.004

Tritanomaly
97, 3.796, 346.931

Monochromacy



Original Color
97, 6.016, 77.211

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.067, 66.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.016, 77.211 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, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 235)  
}
```

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, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.016, 77.211 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, 245, 235) }
```

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

```
.border{ border-color:rgb(254, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.016, 77.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 235) }
```

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

```
.background{ background-color: rgb(254,  
245, 235) }
```

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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