

Converting Colors

CIELCh(100, 16.960, 30.777)

Have a look what the booklet for
CIELCh(100, 16.960, 30.777)
contains.

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Color

CIELCh(97, 4.685, 60.136)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5EF
RGB	255, 245, 239
RGB Percent	100%, 96%, 94%
CMY	0.0016, 0.0408, 0.0644
CMYK	0.00, 0.04, 0.06, 0.00
HSL	23°, 95%, 97%
HSV	23°, 6%, 100%
XYZ	89.1303, 92.4403, 94.4853
YIQ	247.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

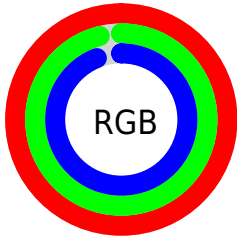
Format	Color
R _Y B	255, 249, 239
Decimal	16774639
CIE Lab	97.00, 2.33, 4.06
CIE LCh	97, 4.685, 60.136
Yxy	92.4403, 0.3229, 0.3349
Android (android.graphics.Color)	4294964719 (0xFFFFF5EF)
YUV	247.3060, -4.0949, 6.7476
Hunter-Lab	96.1459, -2.7802, 9.0361

Details

The CIELCh color **97, 4.685, 60.136** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.567, 241.641**, 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, 4.653, 63.036** is the 20% darker color. If you saturate the color by 10%, you get **93, 12.560, 59.308**, and if you desaturate by 10%, it is **100, 0.145, 203.960**.

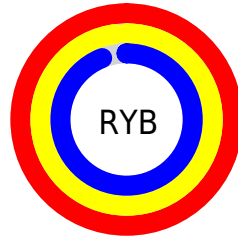
Distribution



Red (100%)

Green (96%)

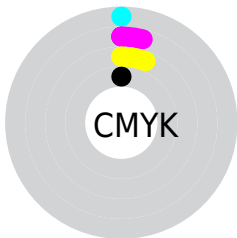
Blue (94%)



Red (100%)

Yellow (98%)

Blue (94%)

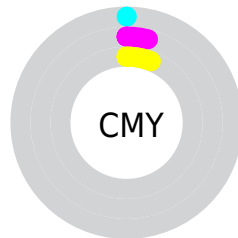


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.685, 60.136 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, 4.685, 60.136 by changing the saturation by 10% instead.

 97, 4.685, 60.136	 97, 4.685, 60.136
 100, 4.685, 60.136	 87, 4.685, 60.136
	 77, 4.685, 60.136
	 67, 4.685, 60.136
	 57, 4.685, 60.136
	 47, 4.685, 60.136
	 37, 4.685, 60.136
	 27, 4.685, 60.136
	 17, 4.685, 60.136
	 7, 4.685, 60.136

97, 4.685, 60.136

97, 4.685, 60.136

93, 12.560, 59.308

100, 0.145,
203.960

88, 20.981, 58.421

84, 29.991, 57.572

80, 39.608, 56.778

76, 49.800, 56.042

72, 60.425, 55.336

68, 71.117, 54.561

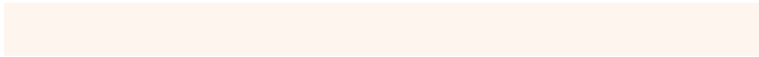
65, 81.068, 53.475

62, 88.839, 51.607

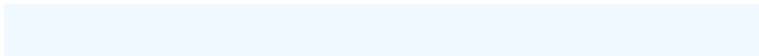
Harmonies

Complementary

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



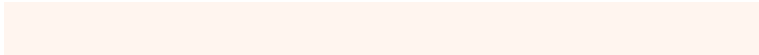
97, 4.685, 60.136



97, 4.567, 241.641

Rectangle

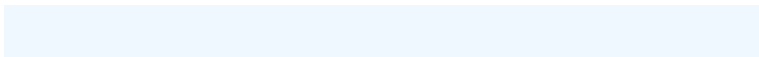
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.685, 60.136



97, 4.685, 110.136



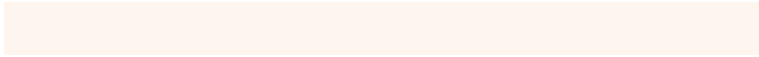
97, 4.685, 240.136



97, 4.685, 290.136

Sweetspot

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



97, 4.685, 60.170



99, 1.469, 60.318



96, 7.702, 337.516



53, 0.835, 60.308



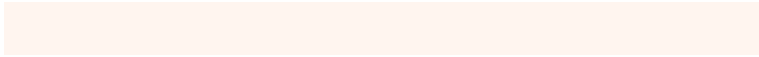
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 4.685, 60.170



96, 6.009, 60.033



99, 7.062, 103.435



51, 4.292, 59.907



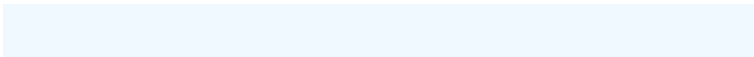
47, 73.131, 51.465



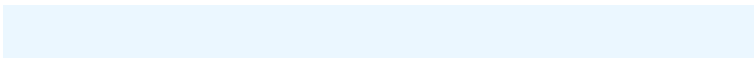
14, 27.684, 49.989

Inverse Universe

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



97, 4.567, 241.641



97, 5.807, 241.804



95, 7.149, 284.854



51, 4.117, 241.961



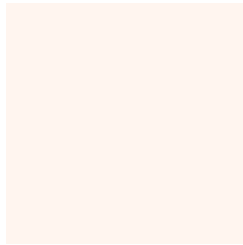
48, 45.255, 268.923



15, 19.118, 261.665

Previews

White Background



This preview shows how the CIELCh color 97, 4.685, 60.136 looks on a white background.

Color Contrast Check

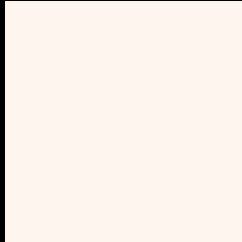
Large Text (above 18pt) WCAG AA × Fail

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, 4.685, 60.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

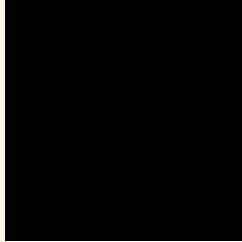
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 4.685, 60.136

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.685, 60.136.

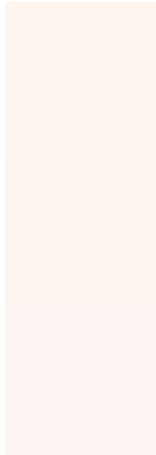


This preview shows how white text looks on a background with the CIELCh color 97, 4.685, 60.136.

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, 4.685, 60.136

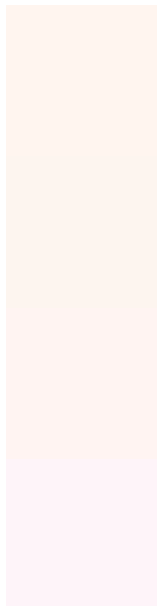
Protanopia
97, 3.928, 70.419

Deuteranopia
97, 3.905, 19.499



Tritanopia
97, 7.103, 319.977

Trichromacy



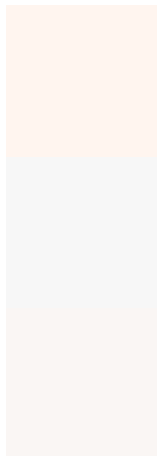
Original Color
97, 4.685, 60.136

Protanomaly
97, 4.164, 66.584

Deuteranomaly
97, 4.038, 34.110

Tritanomaly
97, 4.377, 343.865

Monochromacy



Original Color
97, 4.685, 60.136

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.729, 55.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.685, 60.136 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(255, 245, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 239)  
}
```

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(255, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.685, 60.136 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(255, 245, 239) }
```

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

```
.border{ border-color:rgb(255, 245, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.685, 60.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 239) }
```

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

```
.background{ background-color: rgb(255,  
245, 239) }
```

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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