

Converting Colors

CIELCh(97, 5.684, 65.468)

Have a look what the booklet for
CIELCh(97, 5.684, 65.468) contains.

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Color

CIELCh(97, 5.660, 65.525)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5EC
RGB	255, 245, 236
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0412, 0.0726
CMYK	0.00, 0.04, 0.07, 0.00
HSL	26°, 100%, 96%
HSV	26°, 7%, 100%
XYZ	89.1368, 92.4403, 92.8771
YIQ	246.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

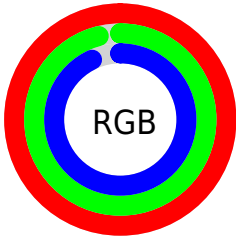
Format	Color
R _Y B	255, 253, 236
Decimal	16774636
CIE Lab	97.00, 2.34, 5.15
CIE LCh	97, 5.660, 65.525
Yxy	92.4403, 0.3248, 0.3368
Android (android.graphics.Color)	4294964716 (0xFFFFF5EC)
YUV	246.9640, -5.4053, 7.0476
Hunter-Lab	96.1459, -2.7679, 10.0279

Details

The CIELCh color **97, 5.660, 65.525** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.405, 248.752**, 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, 5.885, 74.258** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.556, 65.847**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

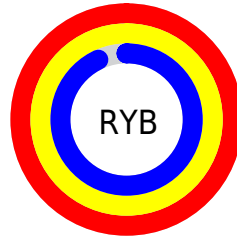
Distribution



Red (100%)

Green (96%)

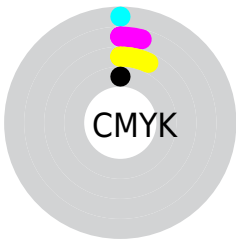
Blue (93%)



Red (100%)

Yellow (99%)

Blue (93%)

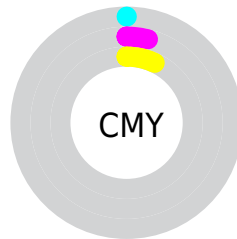


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.660, 65.525 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, 5.660, 65.525 by changing the saturation by 10% instead.

 97, 5.660, 65.525	 97, 5.660, 65.525
 100, 5.660, 65.525	 87, 5.660, 65.525
	 77, 5.660, 65.525
	 67, 5.660, 65.525
	 57, 5.660, 65.525
	 47, 5.660, 65.525
	 37, 5.660, 65.525
	 27, 5.660, 65.525
	 17, 5.660, 65.525
	 7, 5.660, 65.525

97, 5.660, 65.525

97, 5.660, 65.525

93, 13.556, 65.847

100, 0.012,
296.813

89, 22.058, 64.754

85, 31.075, 63.671

81, 40.608, 62.609

77, 50.601, 61.560

74, 60.875, 60.486

70, 71.006, 59.278

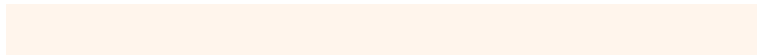
67, 80.124, 57.688

64, 86.891, 55.298

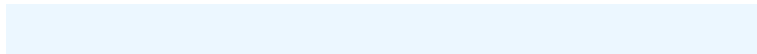
Harmonies

Complementary

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



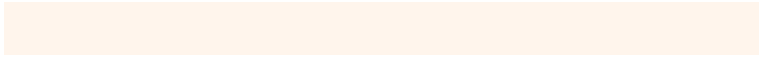
97, 5.660, 65.525



97, 5.405, 248.752

Rectangle

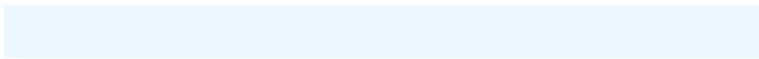
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.660, 65.525



97, 5.660, 115.525



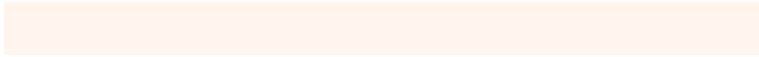
97, 5.660, 245.525



97, 5.660, 295.525

Sweetspot

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



97, 5.535, 66.907



99, 1.498, 67.246



95, 8.607, 339.926



53, 0.851, 67.239



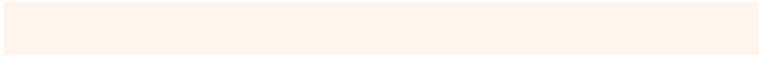
0, 0.000, 0.000



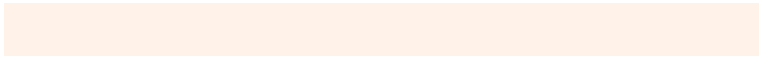
53, 0.007, 296.813

Same Dimension

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



97, 5.535, 66.907



96, 6.900, 66.731



99, 8.609, 105.835



51, 4.365, 66.678



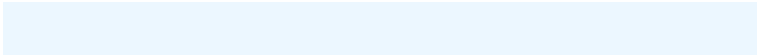
49, 70.900, 55.299



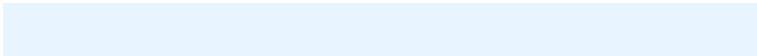
15, 27.232, 55.251

Inverse Universe

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



97, 5.405, 248.752



96, 6.690, 248.958



94, 8.740, 287.399



51, 4.224, 249.020



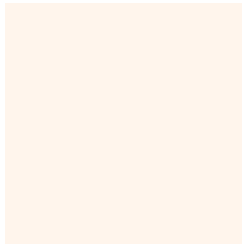
45, 50.836, 276.759



13, 21.044, 269.729

Previews

White Background



This preview shows how the CIELCh color 97, 5.660, 65.525 looks on a white background.

Color Contrast Check

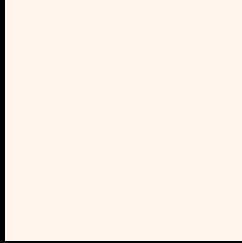
Large Text (above 18pt) WCAG AA × Fail

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, 5.660, 65.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

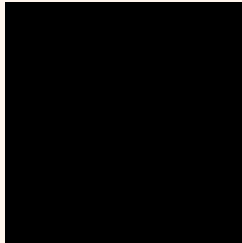
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.660, 65.525

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.660, 65.525.

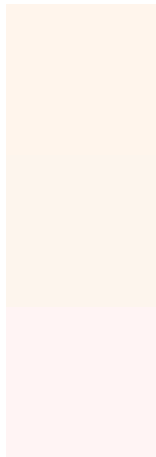


This preview shows how white text looks on a background with the CIELCh color 97, 5.660, 65.525.

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, 5.805, 71.549

Protanopia

97, 4.963, 74.558

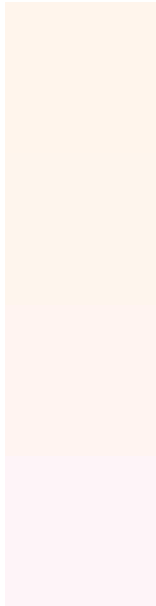
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 7.283, 322.376

Trichromacy



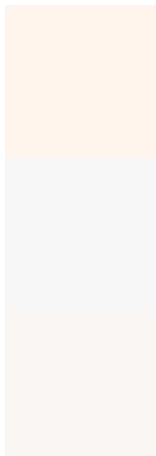
Original Color
97, 5.805, 71.549

Protanomaly
97, 5.178, 71.285

Deuteranomaly
97, 4.197, 40.844

Tritanomaly
97, 4.098, 349.637

Monochromacy



Original Color
97, 5.805, 71.549

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, 5.660, 65.525 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.660, 65.525 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, 236) }
```

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

```
.border{ border-color:rgb(255, 245, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.660, 65.525 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
245, 236) }
```

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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