

Converting Colors

CIELCh(97, 5.396, 77.586)

Have a look what the booklet for
CIELCh(97, 5.396, 77.586) contains.

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Color

CIELCh(97, 5.390, 77.620)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5EC
RGB	253, 245, 236
RGB Percent	99%, 96%, 93%
CMY	0.0069, 0.0383, 0.0736
CMYK	0.00, 0.03, 0.07, 0.01
HSL	32°, 83%, 96%
HSV	32°, 7%, 99%
XYZ	88.4886, 92.4403, 92.7108
YIQ	246.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

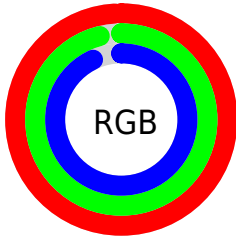
Format	Color
R_{YB}	251, 253, 236
Decimal	16643564
CIE Lab	97.00, 1.16, 5.26
CIE LCh	97, 5.390, 77.620
Yxy	92.4403, 0.3234, 0.3378
Android (android.graphics.Color)	4294833644 (0xFFFD5EC)
YUV	246.3660, -5.1104, 5.8180
Hunter-Lab	96.1459, -3.9715, 10.1304

Details

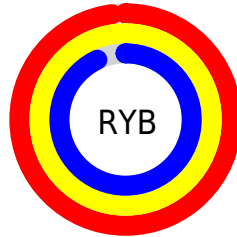
The CIELCh color $97, 5.390, 77.620$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $96, 5.333, 259.517$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 5.480, 80.792$ is the 20% darker color. If you saturate the color by 10%, you get $93, 13.714, 76.415$, and if you desaturate by 10%, it is $100, 0.614, 200.446$.

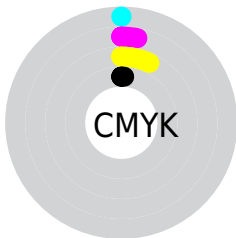
Distribution



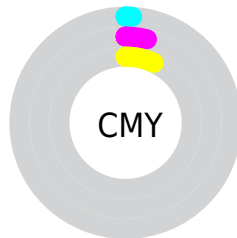
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (98%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.390, 77.620 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, 5.390, 77.620 by changing the saturation by 10% instead.

 97, 5.390, 77.620	 97, 5.390, 77.620
 100, 5.390, 77.620	 87, 5.390, 77.620
	 77, 5.390, 77.620
	 67, 5.390, 77.620
	 57, 5.390, 77.620
	 47, 5.390, 77.620
	 37, 5.390, 77.620
	 27, 5.390, 77.620
	 17, 5.390, 77.620
	 7, 5.390, 77.620

97, 5.390, 77.620

97, 5.390, 77.620

93, 13.714, 76.415

100, 0.614,
200.446

90, 22.393, 75.121

87, 31.435, 73.798

83, 40.817, 72.452

80, 50.445, 71.070

77, 60.098, 69.614

74, 69.312, 67.986

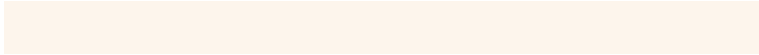
71, 77.232, 65.985

69, 82.692, 63.279

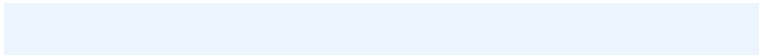
Harmonies

Complementary

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



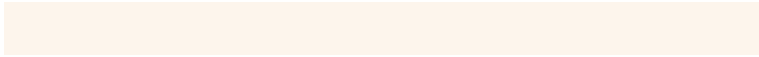
97, 5.390, 77.620



96, 5.333, 259.517

Rectangle

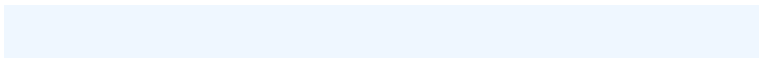
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.390, 77.620



97, 5.390, 127.620



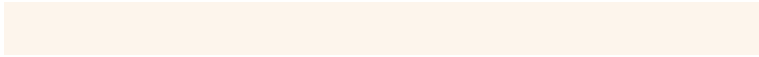
97, 5.390, 257.620



97, 5.390, 307.620

Sweetspot

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



97, 5.391, 77.648



99, 1.593, 78.056



95, 7.386, 345.060



53, 0.905, 78.055



0, 0.000, 0.000



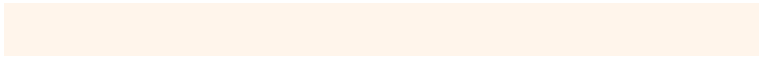
53, 0.007, 296.813

Same Dimension

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



97, 5.391, 77.648



97, 6.479, 77.497



99, 8.620, 110.195



51, 4.619, 77.316



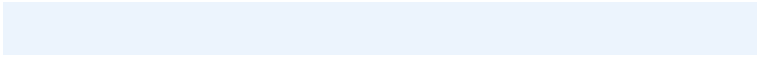
52, 67.918, 62.995



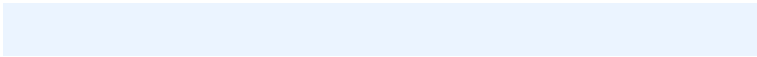
17, 27.031, 64.806

Inverse Universe

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



96, 5.333, 259.517



96, 6.387, 259.685



94, 8.767, 291.505



50, 4.537, 259.890



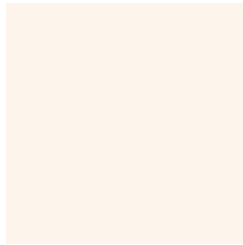
40, 61.843, 286.961



11, 25.038, 280.646

Previews

White Background



This preview shows how the CIE LCh color 97, 5.390, 77.620 looks on a white background.

Color Contrast Check

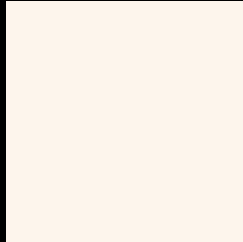
Large Text (above 18pt) WCAG AA × Fail

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, 5.390, 77.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

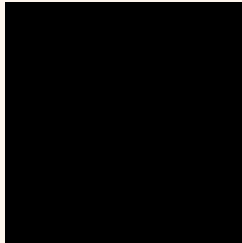
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.390, 77.620

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.390, 77.620.

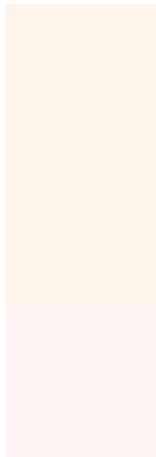


This preview shows how white text looks on a background with the CIELCh color 97, 5.390, 77.620.

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, 5.390, 77.620

Protanopia

97, 5.390, 77.620

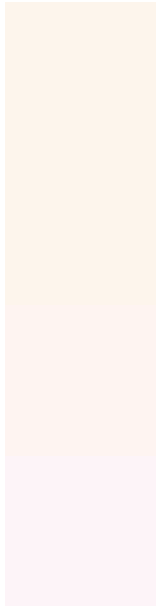
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 6.481, 319.507

Trichromacy



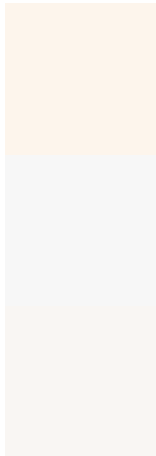
Original Color
97, 5.390, 77.620

Protanomaly
97, 5.390, 77.620

Deuteranomaly
97, 3.864, 42.758

Tritanomaly
97, 3.796, 346.931

Monochromacy



Original Color
97, 5.390, 77.620

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.845, 74.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.390, 77.620 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(253, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.390, 77.620 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(253, 245, 236) }
```

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

```
.border{ border-color:rgb(253, 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(253, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.390, 77.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 236) }
```

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

```
.background{ background-color: rgb(253,  
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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