

Converting Colors

CIELCh(97, 19.599, 100.293)

Have a look what the booklet for
CIELCh(97, 19.599, 100.293)
contains.

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Color

CIELCh(97, 19.538, 99.873)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D1
RGB	255, 247, 209
RGB Percent	100%, 97%, 82%
CMY	0.0000, 0.0311, 0.1801
CMYK	0.00, 0.03, 0.18, 0.00
HSL	50°, 100%, 91%
HSV	50°, 18%, 100%
XYZ	86.0612, 92.4403, 73.6694
YIQ	245.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

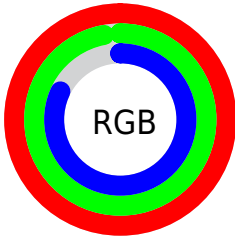
Format	Color
R_{YB}	219, 255, 209
Decimal	16775121
CIE Lab	97.00, -3.35, 19.25
CIE LCh	97, 19.538, 99.873
Yxy	92.4403, 0.3413, 0.3666
Android (android.graphics.Color)	4294965201 (0xFFFFF7D1)
YUV	245.0600, -17.7776, 8.7174
Hunter-Lab	96.1459, -8.4780, 21.8726

Details

The CIELCh color **97, 19.538, 99.873** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 20.007, 284.293**, 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, 19.906, 100.285** is the 20% darker color. If you saturate the color by 10%, you get **95, 30.419, 98.781**, and if you desaturate by 10%, it is **99, 8.662, 101.087**.

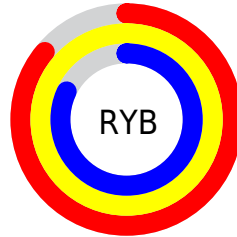
Distribution



Red (100%)

Green (97%)

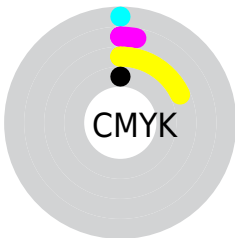
Blue (82%)



Red (86%)

Yellow (100%)

Blue (82%)

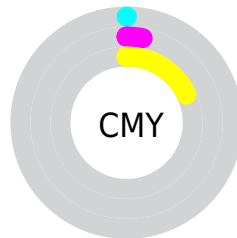


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 19.538, 99.873 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, 19.538, 99.873 by changing the saturation by 10% instead.

97, 19.538, 99.873

97, 19.538, 99.873

100, 19.538,
99.873

87, 19.538, 99.873

77, 19.538, 99.873

67, 19.538, 99.873

57, 19.538, 99.873

47, 19.538, 99.873

37, 19.538, 99.873

27, 19.538, 99.873

17, 19.538, 99.873

7, 19.538, 99.873

97, 19.538, 99.873

97, 19.538, 99.873

95, 30.419, 98.781

99, 8.662, 101.087

94, 41.225, 97.588

100, 0.012,
296.813

92, 51.798, 96.384

91, 61.876, 95.178

90, 71.029, 93.973

88, 78.611, 92.763

87, 83.827, 91.521

86, 86.151, 90.195

86, 86.432, 89.925

Harmonies

Complementary

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



97, 19.538, 99.873



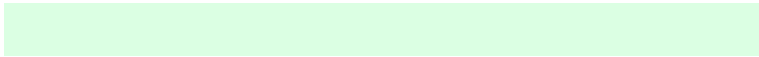
87, 20.007, 284.293

Rectangle

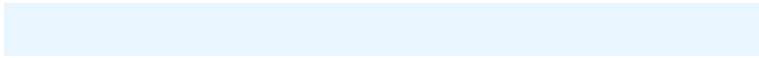
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 19.538, 99.873



97, 19.538, 149.873



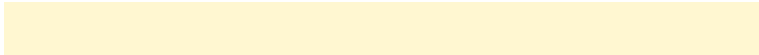
97, 19.538, 279.873



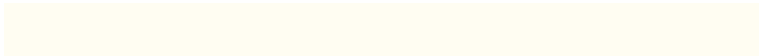
97, 19.538, 329.873

Sweetspot

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



97, 19.536, 99.952



99, 5.395, 101.414



88, 17.505, 6.310



53, 3.683, 101.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

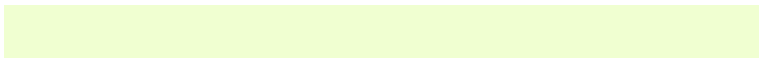
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 19.536, 99.952



96, 23.877, 99.489



98, 23.880, 121.407



52, 6.150, 100.922



66, 69.722, 90.178



22, 31.081, 91.984

Inverse Universe

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



87, 20.007, 284.293



84, 24.590, 284.891



86, 24.713, 303.537



49, 6.233, 283.141



26, 97.130, 303.333



5, 38.620, 298.358

Previews

White Background



This preview shows how the CIE LCh color 97, 19.538, 99.873 looks on a white background.

Color Contrast Check

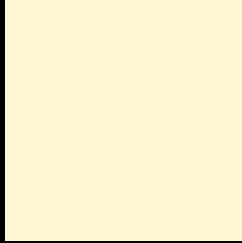
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 19.538, 99.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

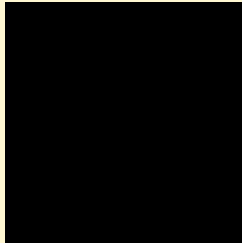
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 19.538, 99.873

Background



This preview shows how black text looks on a background with the CIELCh color 97, 19.538, 99.873.

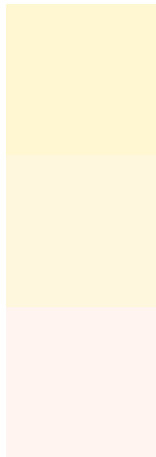


This preview shows how white text looks on a background with the CIELCh color 97, 19.538, 99.873.

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, 19.538, 99.873

Protanopia

97, 12.646, 94.080

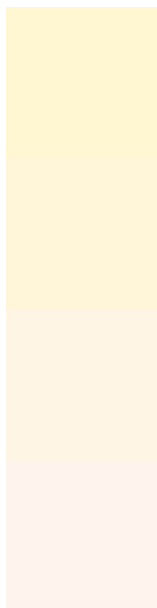
Deuteranopia

97, 4.670, 52.533



Tritanopia
97, 6.660, 329.623

Trichromacy



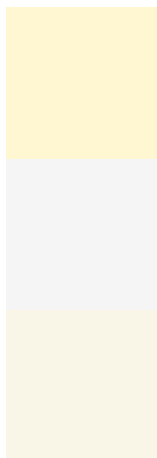
Original Color
97, 19.538, 99.873

Protanomaly
97, 15.122, 96.315

Deuteranomaly
97, 9.379, 86.668

Tritanomaly
97, 5.301, 61.745

Monochromacy



Original Color
97, 19.538, 99.873

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.205, 100.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 19.538, 99.873 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, 247, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 209)  
}
```

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, 247, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 19.538, 99.873 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, 247, 209) }
```

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

```
.border{ border-color:rgb(255, 247, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 19.538, 99.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 209) }
```

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

```
.background{ background-color: rgb(255,  
247, 209) }
```

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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