

Converting Colors

CIELCh(97, 21.591, 99.429)

Have a look what the booklet for
CIELCh(97, 21.591, 99.429) contains.

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Color

CIElCh(97, 21.543, 100.496)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CD
RGB	255, 247, 205
RGB Percent	100%, 97%, 80%
CMY	0.0000, 0.0302, 0.1949
CMYK	0.00, 0.03, 0.19, 0.00
HSL	51°, 100%, 90%
HSV	51°, 19%, 100%
XYZ	85.7550, 92.4403, 71.2619
YIQ	244.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

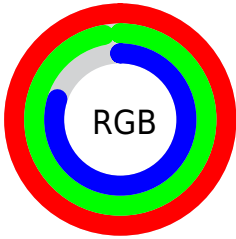
Format	Color
R _Y B	215, 255, 205
Decimal	16775117
CIE Lab	97.00, -3.92, 21.18
CIE LCh	97, 21.543, 100.496
Yxy	92.4403, 0.3438, 0.3706
Android (android.graphics.Color)	4294965197 (0xFFFFF7CD)
YUV	244.6040, -19.5248, 9.1173
Hunter-Lab	96.1459, -9.0465, 23.3573

Details

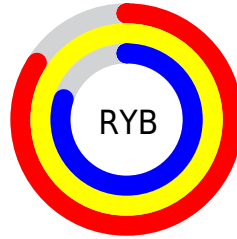
The CIELCh color **97, 21.543, 100.496** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.149, 285.462**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 21.480, 100.690** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.577, 99.647**, and if you desaturate by 10%, it is **98, 10.462, 101.925**.

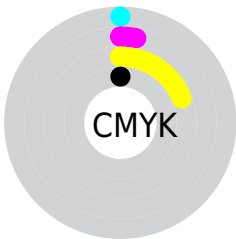
Distribution



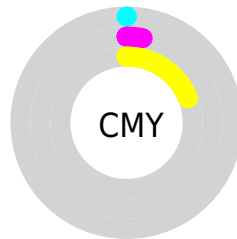
- Red (100%)
- Green (97%)
- Blue (80%)



- Red (84%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 21.543, 100.496 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, 21.543, 100.496 by changing the saturation by 10% instead.

 97, 21.543,
100.496

 97, 21.543,
100.496

 100, 21.543,
100.496

 87, 21.543,
100.496

 77, 21.543,
100.496

 67, 21.543,
100.496

 57, 21.543,
100.496

 47, 21.543,
100.496

 37, 21.543,
100.496

 27, 21.543,

100.496

■ 17, 21.543,
100.496

■ 7, 21.543, 100.496

■ 97, 21.543,
100.496

■ 97, 21.543,
100.496

■ 96, 32.577, 99.647

■ 98, 10.462,
101.925

■ 94, 43.505, 98.477

100, 0.012,
296.813

■ 93, 54.138, 97.303

■ 92, 64.185, 96.136

■ 90, 73.179, 94.983

■ 89, 80.445, 93.842

■ 88, 85.207, 92.692

■ 87, 87.183, 91.493

■ 87, 87.254, 91.433

Harmonies

Complementary

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



97, 21.543, 100.496



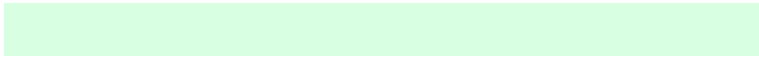
86, 22.149, 285.462

Rectangle

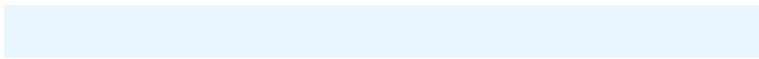
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 21.543, 100.496



97, 21.543, 150.496



97, 21.543, 280.496



97, 21.543, 330.496

Sweetspot

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



97, 21.529, 100.800



99, 6.601, 102.304



87, 18.942, 7.761



53, 4.380, 102.234



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

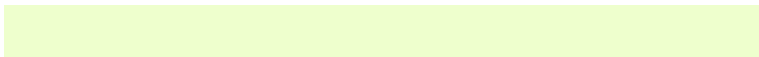
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 21.529, 100.800



96, 25.408, 100.399



98, 25.910, 121.971



52, 6.265, 101.924



67, 70.382, 91.654



23, 31.494, 93.286

Inverse Universe

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



86, 22.149, 285.462



83, 26.285, 285.992



85, 26.870, 304.227



49, 6.357, 284.109



26, 98.723, 303.810



5, 39.198, 298.780

Previews

White Background



This preview shows how the CIE LCh color 97, 21.543, 100.496 looks on a white background.

Color Contrast Check

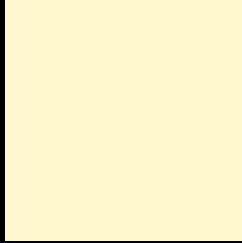
Large Text (above 18pt) WCAG AA × Fail

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, 21.543, 100.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

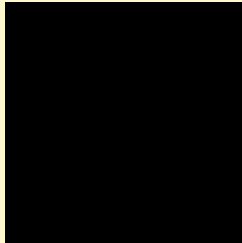
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 21.543, 100.496

Background



This preview shows how black text looks on a background with the CIELCh color 97, 21.543, 100.496.

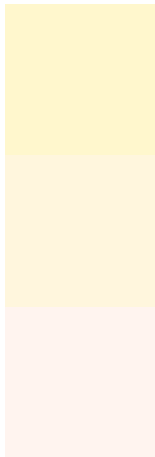


This preview shows how white text looks on a background with the CIELCh color 97, 21.543, 100.496.

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, 21.543, 100.496

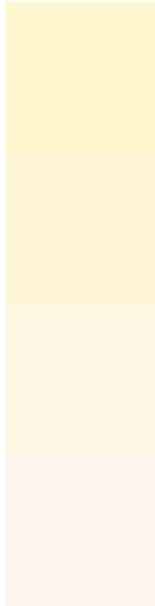
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 6.660, 329.623

Trichromacy



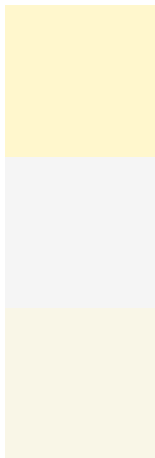
Original Color
97, 21.543, 100.496

Protanomaly
97, 16.117, 96.999

Deuteranomaly
97, 9.853, 87.751

Tritanomaly
97, 5.805, 71.549

Monochromacy



Original Color
97, 21.543, 100.496

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.710, 101.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 21.543, 100.496 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 21.543, 100.496 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, 205) }
```

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

```
.border{ border-color:rgb(255, 247, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 21.543, 100.496 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
247, 205) }
```

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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