

Converting Colors

CIELCh(97, 21.193, 116.592)

Have a look what the booklet for
CIELCh(97, 21.193, 116.592)
contains.

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Color

CIELCh(97, 21.522, 116.457)

Conversions

Conversions Part 1

Format	Color
Hex	F3FBD1
RGB	243, 251, 209
RGB Percent	95%, 98%, 82%
CMY	0.0480, 0.0166, 0.1813
CMYK	0.03, 0.00, 0.17, 0.02
HSL	71°, 83%, 90%
HSV	71°, 17%, 98%
XYZ	82.7742, 92.4403, 73.6451
YIQ	243.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

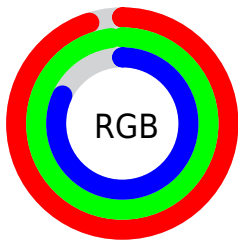
Format	Color
R_{YB}	209, 251, 217
Decimal	15989713
CIE _{Lab}	97.00, -9.59, 19.27
CIE _{LCh}	97, 21.522, 116.457
Yxy	92.4403, 0.3326, 0.3715
Android (android.graphics.Color)	4294179793 (0xFFF3FBD1)
YUV	243.8200, -17.1663, -0.7191
Hunter-Lab	96.1459, -14.5806, 21.8876

Details

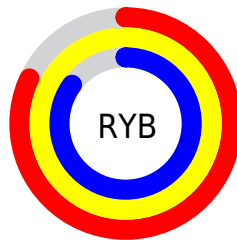
The CIELCh color **97, 21.522, 116.457** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.318, 298.928**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 22.013, 116.365** is the 20% darker color. If you saturate the color by 10%, you get **96, 34.228, 115.751**, and if you desaturate by 10%, it is **98, 8.684, 117.167**.

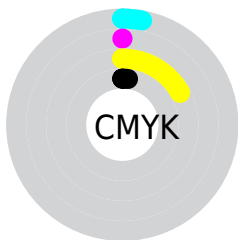
Distribution



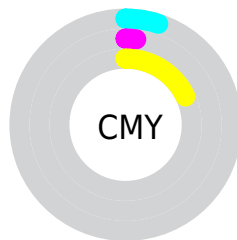
- Red (95%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 21.522, 116.457 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, 21.522, 116.457 by changing the saturation by 10% instead.


 97, 21.522,
116.457


 97, 21.522,
116.457


 100, 21.522,
116.457


 87, 21.522,
116.457

 77, 21.522,
116.457

 67, 21.522,
116.457

 57, 21.522,
116.457

 47, 21.522,
116.457

 37, 21.522,
116.457

 27, 21.522,

116.457

■ 17, 21.522,
116.457

■ 7, 21.522, 116.457

■ 97, 21.522,
116.457

■ 97, 21.522,
116.457

■ 96, 34.228,
115.751

■ 98, 8.684, 117.167

■ 95, 46.667,
115.059

■ 99, 2.245, 304.315

■ 99, 2.643, 324.417

■ 95, 58.645,
114.414

■ 94, 69.865,
113.865

■ 94, 79.896,
113.478

■ 93, 88.168,
113.337

■ 93, 94.090,
113.536

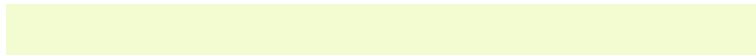
■ 92, 97.355,
114.138

■ 92, 98.063,
114.387

Harmonies

Complementary

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



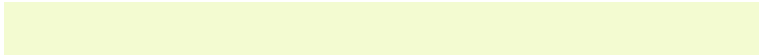
97, 21.522, 116.457



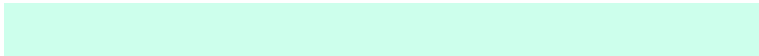
86, 22.318, 298.928

Rectangle

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



97, 21.522, 116.457



97, 21.522, 166.457



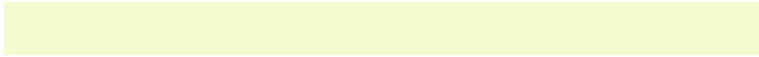
97, 21.522, 296.457



97, 21.522, 346.457

Sweetspot

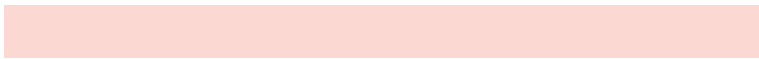
The Sweet Spot groups the original color and five complimentary colors.



97, 21.524, 116.461



100, 6.522, 117.288



89, 13.471, 37.393



53, 4.450, 117.239



0, 0.000, 0.000



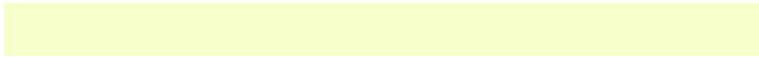
53, 0.007, 296.813

Same Dimension

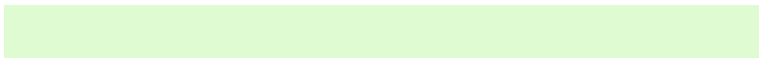
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 21.524, 116.461



98, 26.028, 116.229



96, 23.889, 134.461



52, 7.295, 116.974



72, 79.139, 114.203



24, 34.939, 113.325

Inverse Universe

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



86, 22.318, 298.928



84, 27.190, 299.221



87, 24.218, 315.910



48, 7.451, 298.326



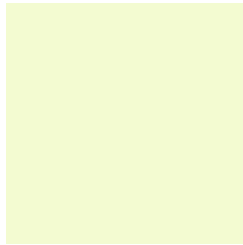
24, 105.239, 307.171



4, 42.539, 304.753

Previews

White Background



This preview shows how the CIELCh color 97, 21.522, 116.457 looks on a white background.

Color Contrast Check

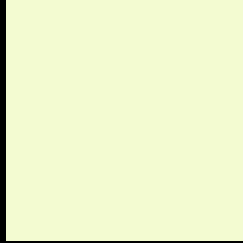
Large Text (above 18pt) WCAG AA × Fail

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, 21.522, 116.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

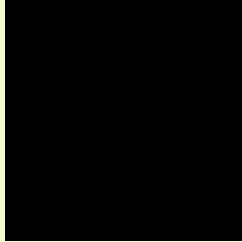
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

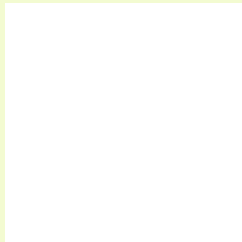
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 21.522, 116.457

Background



This preview shows how black text looks on a background with the CIELCh color 97, 21.522, 116.457.

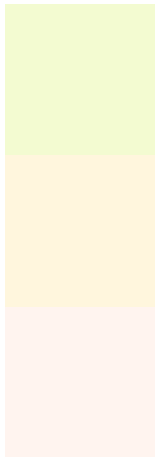


This preview shows how white text looks on a background with the CIELCh color 97, 21.522, 116.457.

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, 21.522, 116.457

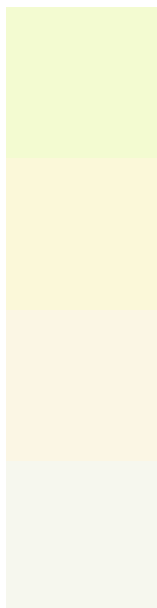
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 5.242, 302.017

Trichromacy



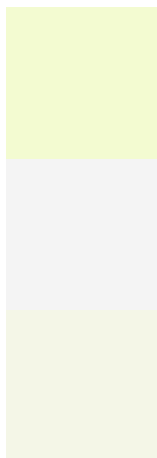
Original Color
97, 21.522, 116.457

Protanomaly
97, 15.793, 104.945

Deuteranomaly
97, 9.335, 98.257

Tritanomaly
97, 4.599, 114.248

Monochromacy



Original Color
97, 21.522, 116.457

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 7.687, 114.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 21.522, 116.457 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(243, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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(243, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 21.522, 116.457 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(243, 251, 209) }
```

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

```
.border{ border-color:rgb(243, 251, 209) }
```

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

Here you see how a box with a 4 pixel rgb(243, 251, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 21.522, 116.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 209) }
```

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

```
.background{ background-color: rgb(243,  
251, 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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