

Converting Colors

CIELCh(97, 20.327, 111.845)

Have a look what the booklet for
CIELCh(97, 20.327, 111.845)
contains.

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Color

CIELCh(97, 20.332, 111.756)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAD2
RGB	247, 250, 210
RGB Percent	97%, 98%, 82%
CMY	0.0330, 0.0212, 0.1781
CMYK	0.01, 0.00, 0.16, 0.02
HSL	65°, 79%, 90%
HSV	65°, 16%, 98%
XYZ	83.8462, 92.4403, 74.1297
YIQ	244.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

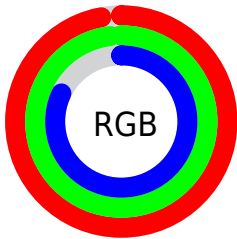
Format	Color
R_{YB}	210, 250, 213
Decimal	16251602
CIE _{Lab}	97.00, -7.54, 18.88
CIE _{LCh}	97, 20.332, 111.756
Yxy	92.4403, 0.3348, 0.3691
Android (android.graphics.Color)	4294441682 (0xFFF7FAD2)
YUV	244.5430, -17.0297, 2.1548
Hunter-Lab	96.1459, -12.5903, 21.5888

Details

The CIELCh color **97, 20.332, 111.756** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 21.095, 294.673**, 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, 20.794, 112.588** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.873, 110.897**, and if you desaturate by 10%, it is **98, 7.656, 112.618**.

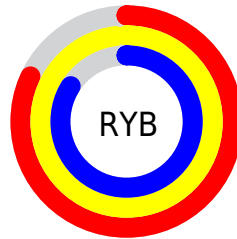
Distribution



Red (97%)

Green (98%)

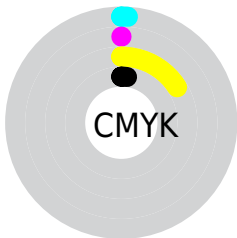
Blue (82%)



Red (82%)

Yellow (98%)

Blue (84%)

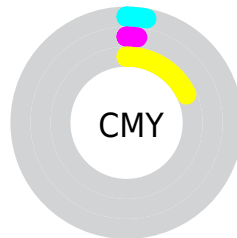


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (2%)



Cyan (3%)


Magenta (2%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.332, 111.756 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, 20.332, 111.756 by changing the saturation by 10% instead.


 97, 20.332,
111.756


 97, 20.332,
111.756


 100, 20.332,
111.756


 87, 20.332,
111.756

 77, 20.332,
111.756

 67, 20.332,
111.756

 57, 20.332,
111.756

 47, 20.332,
111.756

 37, 20.332,
111.756

 27, 20.332,

111.756

■ 17, 20.332,
111.756

■ 7, 20.332, 111.756

■ 97, 20.332,
111.756

■ 97, 20.332,
111.756

■ 96, 32.873,
110.897

■ 98, 7.656, 112.618

■ 96, 45.150,
110.048

■ 98, 2.786, 295.750

■ 98, 2.928, 308.564

■ 95, 56.974,
109.241

■ 99, 3.200, 319.737

■ 95, 68.050,
108.513

■ 99, 3.371, 324.468

■ 95, 77.951,
107.911

■ 94, 86.106,
107.495

■ 94, 91.915,
107.329

■ 94, 95.032,
107.450

■ 94, 95.759,
107.554

Harmonies

Complementary

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



97, 20.332, 111.756



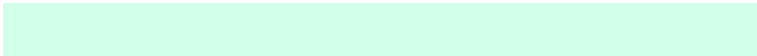
85, 21.095, 294.673

Rectangle

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



97, 20.332, 111.756



97, 20.332, 161.756



97, 20.332, 291.756



97, 20.332, 341.756

Sweetspot

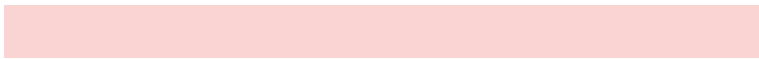
The Sweet Spot groups the original color and five complimentary colors.



97, 20.334, 111.761



100, 6.466, 112.704



88, 14.019, 26.022



53, 4.412, 112.645



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

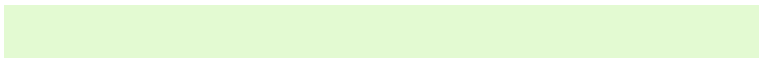
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.334, 111.761



99, 24.508, 111.502



96, 22.048, 130.664



52, 7.232, 112.323



73, 77.603, 107.476



24, 34.450, 107.218

Inverse Universe

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



85, 21.095, 294.673



85, 25.609, 295.006



87, 22.466, 312.060



48, 7.394, 294.000



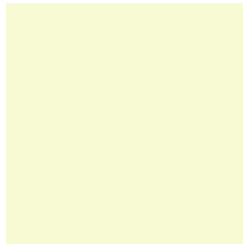
23, 106.320, 306.511



3, 42.242, 302.447

Previews

White Background



This preview shows how the CIE LCh color 97, 20.332, 111.756 looks on a white background.

Color Contrast Check

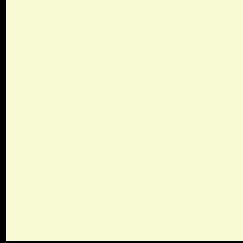
Large Text (above 18pt) WCAG AA × Fail

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, 20.332, 111.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

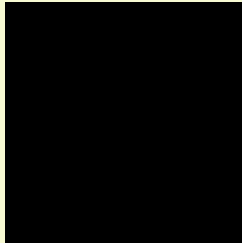
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 20.332, 111.756

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.332, 111.756.

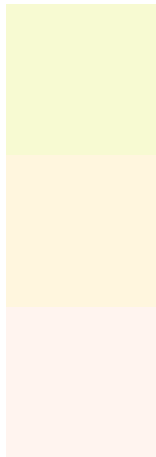


This preview shows how white text looks on a background with the CIELCh color 97, 20.332, 111.756.

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, 20.332, 111.756

Protanopia

97, 12.646, 94.080

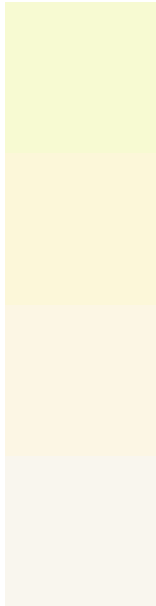
Deuteranopia

97, 4.670, 52.533



Tritanopia
97, 6.168, 313.832

Trichromacy



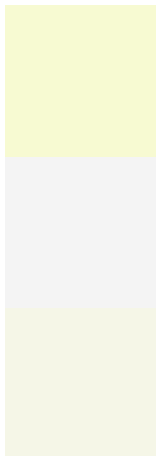
Original Color
97, 20.332, 111.756

Protanomaly
97, 15.365, 102.099

Deuteranomaly
97, 9.410, 96.077

Tritanomaly
97, 4.200, 95.089

Monochromacy



Original Color
97, 20.332, 111.756

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 7.657, 112.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.332, 111.756 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(247, 250, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 210)  
}
```

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(247, 250, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.332, 111.756 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(247, 250, 210) }
```

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

```
.border{ border-color:rgb(247, 250, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.332, 111.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 210) }
```

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

```
.background{ background-color: rgb(247,  
250, 210) }
```

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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