

Converting Colors

CIELCh(100, 35.189, 76.185)

Have a look what the booklet for
CIELCh(100, 35.189, 76.185)
contains.

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Color

CIElCh(97, 29.550, 101.925)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8BE
RGB	255, 248, 190
RGB Percent	100%, 97%, 75%
CMY	0.0000, 0.0268, 0.2545
CMYK	0.00, 0.03, 0.25, 0.00
HSL	54°, 100%, 87%
HSV	54°, 25%, 100%
XYZ	84.5987, 92.4403, 62.1626
YIQ	243.4810, 22.7900, -16.5540

Conversions

Conversions Part 2

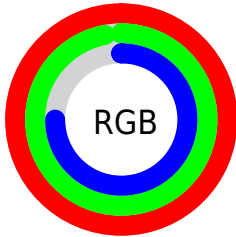
Format	Color
R_{YB}	198, 255, 190
Decimal	16775358
CIE _{Lab}	97.00, -6.11, 28.91
CIE _{LCh}	97, 29.550, 101.925
Yxy	92.4403, 0.3537, 0.3865
Android (android.graphics.Color)	4294965438 (0xFFFFF8BE)
YUV	243.4810, -26.3661, 10.1022
Hunter-Lab	96.1459, -11.1933, 28.9685

Details

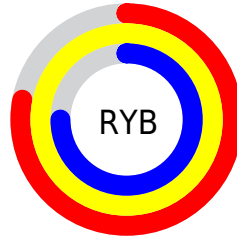
The CIELCh color **97, 29.550, 101.925** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.914, 288.820**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **77, 29.765, 102.657** is the 20% darker color. If you saturate the color by 10%, you get **96, 40.954, 101.709**, and if you desaturate by 10%, it is **98, 17.928, 103.896**.

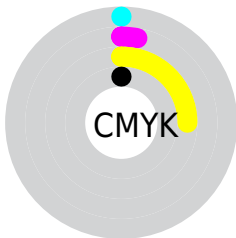
Distribution



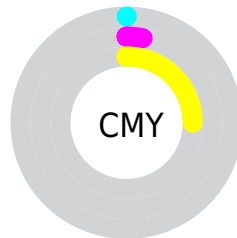
- Red (100%)
- Green (97%)
- Blue (75%)



- Red (78%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 29.550, 101.925 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, 29.550, 101.925 by changing the saturation by 10% instead.


 97, 29.550,
101.925


 97, 29.550,
101.925

 100, 29.550,
101.925


 87, 29.550,
101.925

 77, 29.550,
101.925

 67, 29.550,
101.925

 57, 29.550,
101.925

 47, 29.550,
101.925

 37, 29.550,
101.925

 27, 29.550,

101.925

■ 17, 29.550,
101.925

■ 7, 29.550, 101.925

■ 97, 29.550,
101.925

■ 97, 29.550,
101.925

■ 96, 40.954,
101.709

■ 98, 17.928,
103.896

■ 95, 52.110,
100.616

■ 99, 6.311, 104.954
100, 0.012,
296.813

■ 94, 62.718, 99.546

■ 93, 72.367, 98.518

■ 92, 80.465, 97.549

■ 91, 86.286, 96.649

■ 91, 89.266, 95.808

■ 90, 89.895, 95.435

Harmonies

Complementary

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



97, 29.550, 101.925



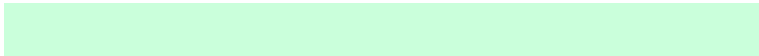
81, 30.914, 288.820

Rectangle

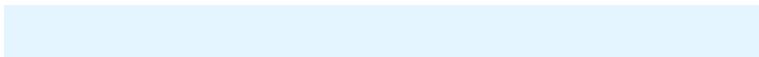
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 29.550, 101.925



97, 29.550, 151.925



97, 29.550, 281.925



97, 29.550, 331.925

Sweetspot

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



97, 29.508, 102.808



99, 9.278, 104.689



83, 24.951, 12.370



53, 6.596, 104.531



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

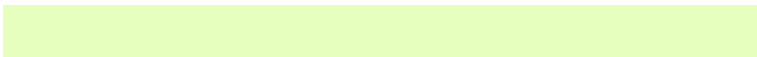
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.508, 102.808



96, 35.890, 102.198



97, 34.087, 123.570



53, 6.596, 104.531



70, 72.490, 95.574



24, 32.713, 96.708

Inverse Universe

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



81, 30.914, 288.820



77, 38.061, 289.729



81, 35.649, 306.356



49, 6.712, 286.625



25, 102.533, 304.898



5, 40.778, 299.850

Previews

White Background



This preview shows how the CIE LCh color 97, 29.550, 101.925 looks on a white background.

Color Contrast Check

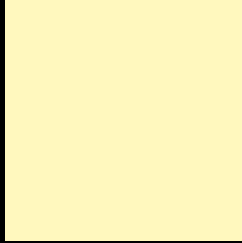
Large Text (above 18pt) WCAG AA × Fail

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, 29.550, 101.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

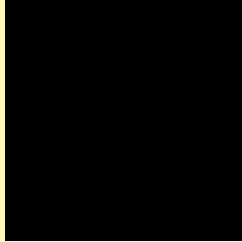
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 29.550, 101.925

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.550, 101.925.

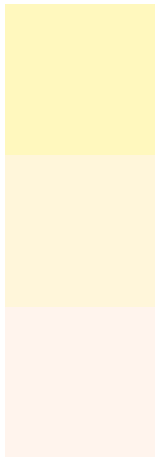


This preview shows how white text looks on a background with the CIELCh color 97, 29.550, 101.925.

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, 29.490, 102.680

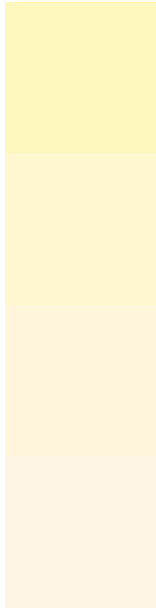
Protanopia
97, 14.625, 95.934

Deuteranopia
97, 5.301, 61.745



Tritanopia
97, 6.275, 332.584

Trichromacy



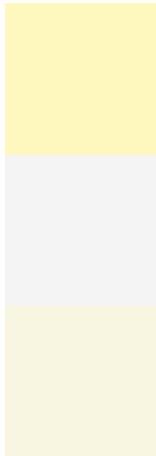
Original Color
97, 29.490, 102.680

Protanomaly
97, 20.039, 100.043

Deuteranomaly
97, 13.634, 95.080

Tritanomaly
97, 8.908, 85.466

Monochromacy



Original Color
97, 29.490, 102.680

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 11.228, 105.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 29.550, 101.925 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, 248, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 190)  
}
```

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, 248, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.550, 101.925 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, 248, 190) }
```

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

```
.border{ border-color:rgb(255, 248, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.550, 101.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 190) }
```

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

```
.background{ background-color: rgb(255,  
248, 190) }
```

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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