

Converting Colors

CIELCh(97, 18.945, 99.357)

Have a look what the booklet for
CIELCh(97, 18.945, 99.357) contains.

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Color

CIELCh(97, 19.037, 99.691)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D2
RGB	255, 247, 210
RGB Percent	100%, 97%, 82%
CMY	0.0000, 0.0313, 0.1764
CMYK	0.00, 0.03, 0.18, 0.00
HSL	49°, 100%, 91%
HSV	49°, 18%, 100%
XYZ	86.1389, 92.4403, 74.2795
YIQ	245.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

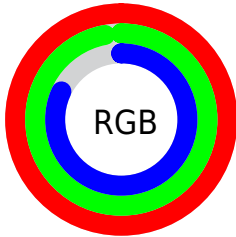
Format	Color
RYB	220, 255, 210
Decimal	16775122
CIELab	97.00, -3.20, 18.77
CIELCh	97, 19.037, 99.691
Yxy	92.4403, 0.3407, 0.3656
Android (android.graphics.Color)	4294965202 (0xFFFFF7D2)
YUV	245.1740, -17.3408, 8.6174
Hunter-Lab	96.1459, -8.3338, 21.4964

Details

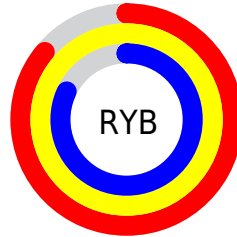
The CIELCh color **97, 19.037, 99.691** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 19.475, 283.968**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 19.381, 100.130** is the 20% darker color. If you saturate the color by 10%, you get **95, 29.875, 98.530**, and if you desaturate by 10%, it is **99, 8.218, 100.845**.

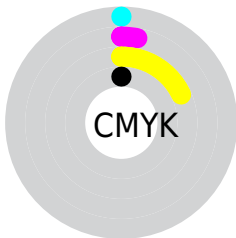
Distribution



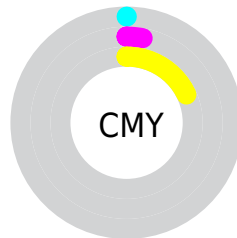
- Red (100%)
- Green (97%)
- Blue (82%)



- 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, 19.037, 99.691 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, 19.037, 99.691 by changing the saturation by 10% instead.

 97, 19.037, 99.691

 97, 19.037, 99.691

 100, 19.037,
99.691

 87, 19.037, 99.691

 77, 19.037, 99.691

 67, 19.037, 99.691

 57, 19.037, 99.691

 47, 19.037, 99.691

 37, 19.037, 99.691

 27, 19.037, 99.691

 17, 19.037, 99.691

 7, 19.037, 99.691

97, 19.037, 99.691

97, 19.037, 99.691

95, 29.875, 98.530

99, 8.218, 100.845

94, 40.645, 97.332

100, 0.012,
296.813

92, 51.198, 96.120

91, 61.280, 94.903

90, 70.468, 93.684

88, 78.126, 92.457

87, 83.455, 91.190

86, 85.882, 89.831

86, 86.217, 89.501

Harmonies

Complementary

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



97, 19.037, 99.691



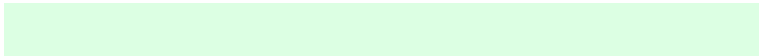
88, 19.475, 283.968

Rectangle

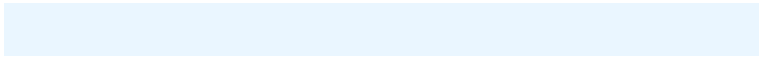
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 19.037, 99.691



97, 19.037, 149.691



97, 19.037, 279.691



97, 19.037, 329.691

Sweetspot

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



97, 19.038, 99.707



99, 5.367, 101.132



88, 17.129, 6.266



53, 3.663, 101.057



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, 19.038, 99.707



96, 22.677, 99.315



98, 23.392, 121.429



52, 6.118, 100.637



66, 69.549, 89.763



22, 30.968, 91.615

Inverse Universe

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



88, 19.475, 283.968



85, 23.302, 284.468



87, 24.190, 303.512



49, 6.199, 282.866



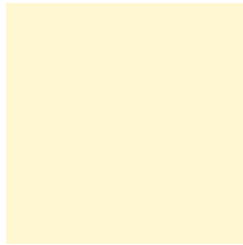
26, 96.670, 303.192



6, 38.453, 298.232

Previews

White Background



This preview shows how the CIE LCh color 97, 19.037, 99.691 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, 19.037, 99.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

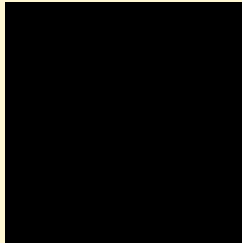
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 19.037, 99.691

Background



This preview shows how black text looks on a background with the CIELCh color 97, 19.037, 99.691.



This preview shows how white text looks on a background with the CIELCh color 97, 19.037, 99.691.

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, 19.037, 99.691

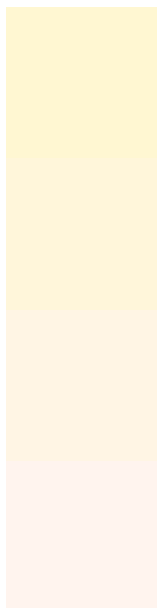
Protanopia
97, 12.646, 94.080

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 7.061, 326.996

Trichromacy



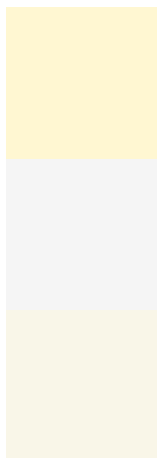
Original Color
97, 19.037, 99.691

Protanomaly
97, 14.625, 95.934

Deuteranomaly
97, 9.379, 86.668

Tritanomaly
97, 4.969, 57.434

Monochromacy



Original Color
97, 19.037, 99.691

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, 19.037, 99.691 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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(255, 247, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 19.037, 99.691 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, 210) }
```

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

```
.border{ border-color:rgb(255, 247, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 19.037, 99.691 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, 210) }
```

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

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