

Converting Colors

CIELCh(97, 27.493, 102.921)

Have a look what the booklet for
CIELCh(97, 27.493, 102.921)
contains.

CIELCh(97, 27.492, 102.485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 27.492, 102.485)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C2
RGB	255, 248, 194
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0267, 0.2385
CMYK	0.00, 0.03, 0.24, 0.00
HSL	53°, 100%, 88%
HSV	53°, 24%, 100%
XYZ	84.6845, 92.4403, 64.5189
YIQ	243.9370, 21.5060, -15.3100

Conversions

Conversions Part 2

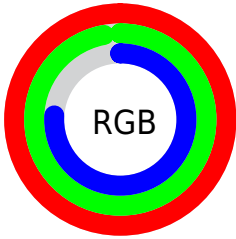
Format	Color
R_{YB}	202, 255, 194
Decimal	16775362
CIE _{Lab}	97.00, -5.94, 26.84
CIE _{LCh}	97, 27.492, 102.485
Yxy	92.4403, 0.3505, 0.3825
Android (android.graphics.Color)	4294965442 (0xFFFFF8C2)
YUV	243.9370, -24.6189, 9.7023
Hunter-Lab	96.1459, -11.0340, 27.5154

Details

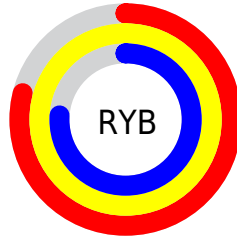
The CIELCh color **97, 27.492, 102.485** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 28.673, 288.256**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **77, 27.687, 102.530** is the 20% darker color. If you saturate the color by 10%, you get **96, 38.899, 101.526**, and if you desaturate by 10%, it is **98, 15.969, 103.725**.

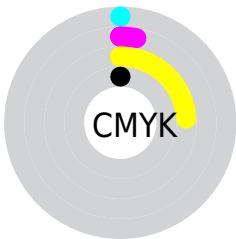
Distribution



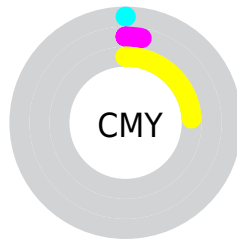
- Red (100%)
- Green (97%)
- Blue (76%)



- Red (79%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 27.492, 102.485 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, 27.492, 102.485 by changing the saturation by 10% instead.

 97, 27.492,
102.485

 97, 27.492,
102.485

 100, 27.492,
102.485

 87, 27.492,
102.485

 77, 27.492,
102.485

 67, 27.492,
102.485

 57, 27.492,
102.485

 47, 27.492,
102.485

 37, 27.492,
102.485

 27, 27.492,

102.485

■ 17, 27.492,
102.485

■ 7, 27.492, 102.485

■ 97, 27.492,
102.485

■ 97, 27.492,
102.485

■ 96, 38.899,
101.526

■ 98, 15.969,
103.725

■ 95, 50.060,
100.421

■ 99, 4.430, 104.777
100, 0.012,
296.813

■ 94, 60.736, 99.333

■ 93, 70.546, 98.279

■ 92, 78.927, 97.277

■ 91, 85.158, 96.335

■ 90, 88.606, 95.444

■ 90, 89.507, 94.909

Harmonies

Complementary

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



97, 27.492, 102.485



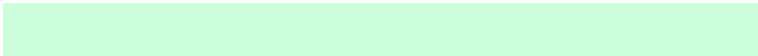
82, 28.673, 288.256

Rectangle

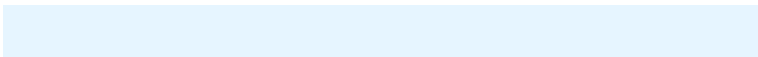
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 27.492, 102.485



97, 27.492, 152.485



97, 27.492, 282.485



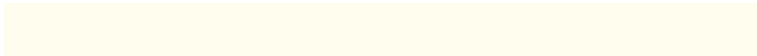
97, 27.492, 332.485

Sweetspot

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



97, 27.487, 102.633



99, 8.059, 104.456



84, 23.280, 12.165



53, 5.238, 104.393



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, 27.487, 102.633



96, 33.380, 102.064



97, 31.972, 123.655



53, 6.550, 104.192



69, 72.181, 95.059



24, 32.542, 96.261

Inverse Universe

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



82, 28.673, 288.256



78, 35.195, 289.078



82, 33.335, 306.252



49, 6.663, 286.298



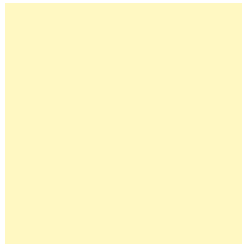
25, 102.073, 304.771



5, 40.563, 299.711

Previews

White Background



This preview shows how the CIE LCh color 97, 27.492, 102.485 looks on a white background.

Color Contrast Check

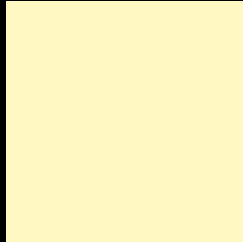
Large Text (above 18pt) WCAG AA × Fail

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, 27.492, 102.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

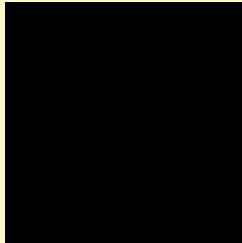
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 27.492, 102.485

Background



This preview shows how black text looks on a background with the CIELCh color 97, 27.492, 102.485.

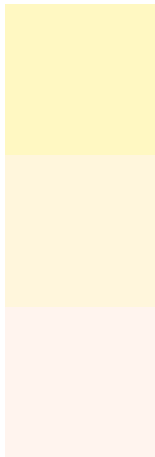


This preview shows how white text looks on a background with the CIELCh color 97, 27.492, 102.485.

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, 27.492, 102.485

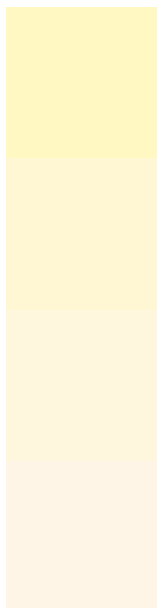
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 6.275, 332.584

Trichromacy



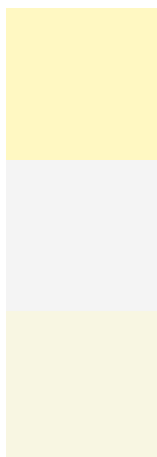
Original Color
97, 27.492, 102.485

Protanomaly
97, 18.536, 99.497

Deuteranomaly
97, 12.646, 94.080

Tritanomaly
97, 7.982, 82.625

Monochromacy



Original Color
97, 27.492, 102.485

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 10.211, 105.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 27.492, 102.485 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 27.492, 102.485 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, 194) }
```

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

```
.border{ border-color:rgb(255, 248, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 248, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 248, 194); box-shadow:4px 4px 4px 4px rgb(255, 248, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 27.492, 102.485 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
248, 194) }
```

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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