

Converting Colors

CIELCh(98, 15.219, 104.580)

Have a look what the booklet for
CIELCh(98, 15.219, 104.580)
contains.

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Color

CIElCh(98, 15.253, 104.873)

Conversions

Conversions Part 1

Format	Color
Hex	FEFBDD
RGB	254, 251, 221
RGB Percent	100%, 98%, 87%
CMY	0.0056, 0.0173, 0.1350
CMYK	0.00, 0.01, 0.13, 0.01
HSL	55°, 92%, 93%
HSV	55°, 13%, 99%
XYZ	88.0758, 94.9163, 81.7940
YIQ	248.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

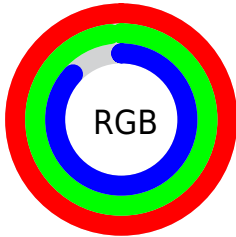
Format	Color
R_{YB}	224, 254, 221
Decimal	16710621
CIE _{Lab}	98.00, -3.92, 14.74
CIE _{LCh}	98, 15.253, 104.873
Yxy	94.9163, 0.3326, 0.3585
Android (android.graphics.Color)	4294900701 (0xFFFEFBDD)
YUV	248.4770, -13.5462, 4.8437
Hunter-Lab	97.4250, -9.1231, 18.4200

Details

The CIELCh color **98, 15.253, 104.873** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.628, 287.746**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 15.434, 105.864** is the 20% darker color. If you saturate the color by 10%, you get **97, 26.957, 103.813**, and if you desaturate by 10%, it is **99, 3.518, 105.905**.

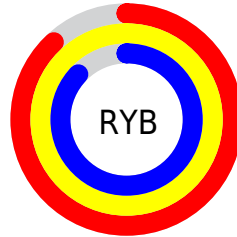
Distribution



Red (100%)

Green (98%)

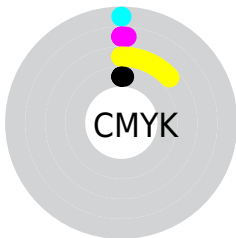
Blue (87%)



Red (88%)

Yellow (100%)

Blue (87%)

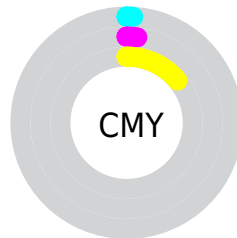


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (2%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 15.253, 104.873 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 98, 15.253, 104.873 by changing the saturation by 10% instead.


 98, 15.253,
104.873


 98, 15.253,
104.873


 100, 15.253,
104.873


 88, 15.253,
104.873

 78, 15.253,
104.873

 68, 15.253,
104.873

 58, 15.253,
104.873

 48, 15.253,
104.873

 38, 15.253,
104.873

 28, 15.253,

104.873

■ 18, 15.253,
104.873

■ 8, 15.253, 104.873

■ 98, 15.253,
104.873

■ 98, 15.253,
104.873

■ 97, 26.957,
103.813

■ 99, 3.518, 105.905

■ 96, 38.538,
102.734

100, 0.496,
200.709

■ 95, 49.855,
101.662

■ 94, 60.674,
100.613

- 93, 70.625, 99.609
- 93, 79.159, 98.672
- 92, 85.582, 97.820
- 91, 89.276, 97.055
- 91, 90.378, 96.555

Harmonies

Complementary

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



98, 15.253, 104.873



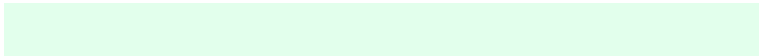
90, 15.628, 287.746

Rectangle

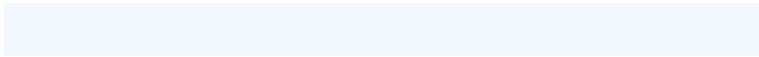
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 15.253, 104.873



98, 15.253, 154.873



98, 15.253, 284.873



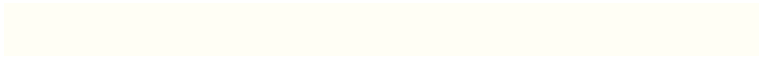
98, 15.253, 334.873

Sweetspot

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



98, 15.255, 104.881



100, 4.703, 105.811



91, 12.188, 12.235



53, 3.344, 105.737



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 15.255, 104.881



98, 18.847, 104.563



98, 17.444, 124.857



53, 6.696, 105.249



70, 73.180, 96.670



24, 33.087, 97.658

Inverse Universe

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



90, 15.628, 287.746



88, 19.414, 288.133



90, 17.830, 306.175



49, 6.819, 287.317



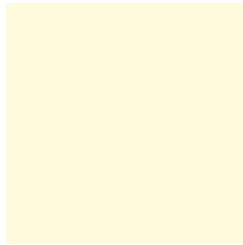
24, 103.461, 305.153



4, 41.244, 300.143

Previews

White Background



This preview shows how the CIE LCh color 98, 15.253, 104.873 looks on a white background.

Color Contrast Check

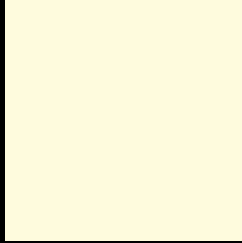
Large Text (above 18pt) WCAG AA × Fail

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 98, 15.253, 104.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

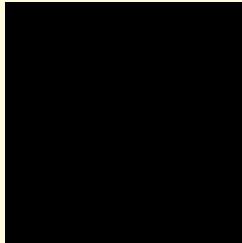
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 15.253, 104.873

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.253, 104.873.

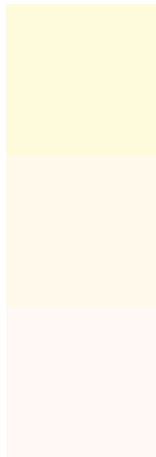


This preview shows how white text looks on a background with the CIELCh color 98, 15.253, 104.873.

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

98, 15.253, 104.873

Protanopia

98, 7.419, 92.702

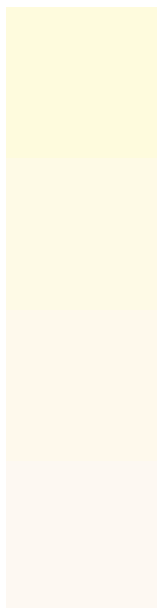
Deuteranopia

98, 2.896, 51.088



Tritanopia
98, 4.619, 317.378

Trichromacy



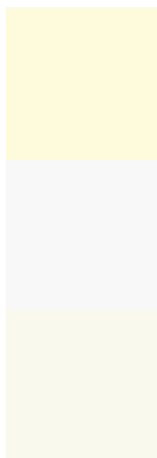
Original Color
98, 15.253, 104.873

Protanomaly
98, 10.251, 101.268

Deuteranomaly
98, 6.832, 94.425

Tritanomaly
98, 3.512, 79.518

Monochromacy



Original Color
98, 15.253, 104.873

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.599, 106.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.253, 104.873 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(254, 251, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 221)  
}
```

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(254, 251, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.253, 104.873 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(254, 251, 221) }
```

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

```
.border{ border-color:rgb(254, 251, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.253, 104.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 221) }
```

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

```
.background{ background-color: rgb(254,  
251, 221) }
```

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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