

Converting Colors

CIELCh(96, 49.984, 103.539)

Have a look what the booklet for
CIELCh(96, 49.984, 103.539)
contains.

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Color

CIELCh(96, 50.014, 103.523)

Conversions

Conversions Part 1

Format	Color
Hex	FEF894
RGB	254, 248, 148
RGB Percent	100%, 97%, 58%
CMY	0.0055, 0.0290, 0.4211
CMYK	0.00, 0.02, 0.42, 0.01
HSL	57°, 97%, 79%
HSV	57°, 42%, 99%
XYZ	79.4817, 90.0078, 41.0447
YIQ	238.3940, 35.6760, -29.8280

Conversions

Conversions Part 2

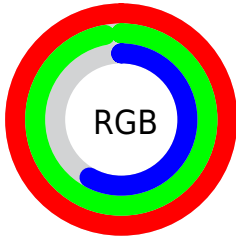
Format	Color
RYB	154, 254, 148
Decimal	16709780
CIELab	96.00, -11.70, 48.63
CIElCh	96, 50.014, 103.523
Yxy	90.0078, 0.3775, 0.4275
Android (android.graphics.Color)	4294899860 (0xFFFEF894)
YUV	238.3940, -44.5642, 13.6865
Hunter-Lab	94.8724, -16.4841, 40.7600

Details

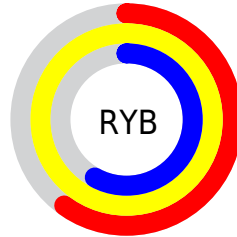
The CIELCh color **96, 50.014, 103.523** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **67, 55.203, 293.811**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **76, 50.174, 103.473** is the 20% darker color. If you saturate the color by 10%, you get **95, 61.153, 102.537**, and if you desaturate by 10%, it is **97, 38.355, 104.550**.

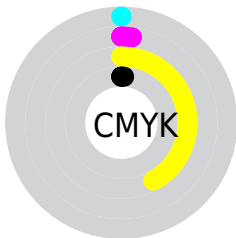
Distribution



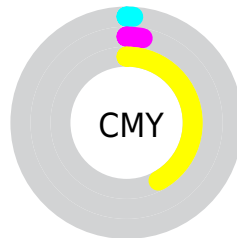
- Red (100%)
- Green (97%)
- Blue (58%)



- Red (60%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 50.014, 103.523 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 96, 50.014, 103.523 by changing the saturation by 10% instead.


 96, 50.014,
103.523


 96, 50.014,
103.523


 100, 50.014,
103.523


 86, 50.014,
103.523

 76, 50.014,
103.523

 66, 50.014,
103.523

 56, 50.014,
103.523

 46, 50.014,
103.523

 36, 50.014,
103.523

 26, 50.014,

103.523

■ 16, 50.014,
103.523

■ 6, 50.014, 103.523

■ 96, 50.014,
103.523

■ 96, 50.014,
103.523

■ 95, 61.153,
102.537

■ 97, 38.355,
104.550

■ 95, 71.405,
101.608

■ 98, 26.404,
105.586

■ 94, 80.241,
100.768

■ 98, 14.308,
106.617

■ 94, 86.998,
100.047

■ 99, 2.158, 107.595

100, 0.427,

■ 93, 91.084, 99.462 217.421

■ 93, 92.551, 99.065 100, 0.491,
200.723

Harmonies

Complementary

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



96, 50.014, 103.523



67, 55.203, 293.811

Rectangle

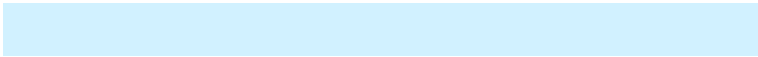
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 50.014, 103.523



96, 50.014, 153.523



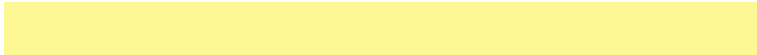
96, 50.014, 283.523



96, 50.014, 333.523

Sweetspot

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



96, 50.015, 103.526



99, 15.854, 106.493



73, 42.789, 18.731



53, 11.091, 106.266



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

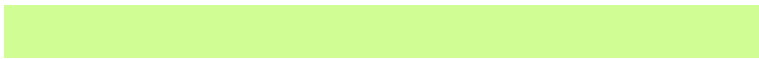
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 50.015, 103.526



96, 59.484, 102.708



94, 55.769, 124.646



53, 6.934, 106.849



72, 74.910, 99.133



25, 33.988, 99.784

Inverse Universe

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



67, 55.203, 293.811



61, 67.499, 295.509



69, 59.894, 309.077



49, 7.074, 288.860



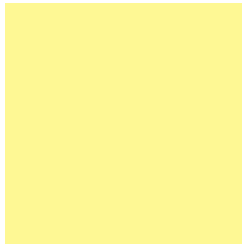
24, 105.271, 305.638



4, 42.336, 300.793

Previews

White Background



This preview shows how the CIELCh color 96, 50.014, 103.523 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 96, 50.014, 103.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

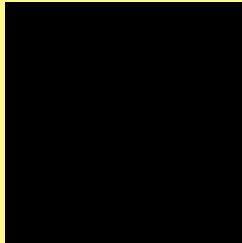
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 50.014, 103.523

Background



This preview shows how black text looks on a background with the CIELCh color 96, 50.014, 103.523.

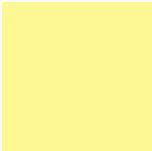
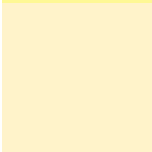
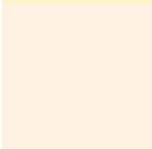



This preview shows how white text looks on a background with the CIELCh color 96, 50.014, 103.523.

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](#).

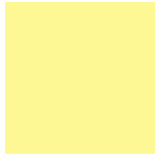
Dichromacy

	Original Color 96, 50.014, 103.523
	Protanopia 96, 21.376, 96.287
	Deuteranopia 96, 8.355, 72.056



Tritanopia
96, 7.657, 337.891

Trichromacy



Original Color
96, 50.014, 103.523



Protanomaly
96, 32.127, 101.447



Deuteranomaly
96, 22.796, 97.872

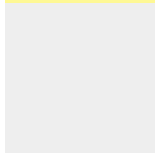


Tritanomaly
96, 15.945, 92.690

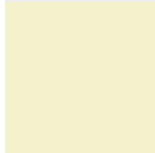
Monochromacy



Original Color
96, 50.014, 103.523



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 18.420, 105.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 50.014, 103.523 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, 248, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 148)  
}
```

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, 248, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 50.014, 103.523 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, 248, 148) }
```

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

```
.border{ border-color:rgb(254, 248, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 50.014, 103.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 148) }
```

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

```
.background{ background-color: rgb(254,  
248, 148) }
```

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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