

Converting Colors

CIELCh(96, 51.445, 103.912)

Have a look what the booklet for
CIELCh(96, 51.445, 103.912)
contains.

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Color

CIELCh(96, 51.416, 103.928)

Conversions

Conversions Part 1

Format	Color
Hex	FDF891
RGB	253, 248, 145
RGB Percent	99%, 97%, 57%
CMY	0.0081, 0.0277, 0.4316
CMYK	0.00, 0.02, 0.43, 0.01
HSL	57°, 96%, 78%
HSV	57°, 43%, 99%
XYZ	79.1375, 90.0078, 39.9661
YIQ	237.7530, 36.0430, -30.9730

Conversions

Conversions Part 2

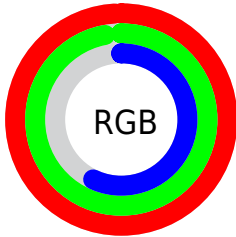
Format	Color
R_{YB}	150, 253, 145
Decimal	16644241
CIE _{Lab}	96.00, -12.38, 49.90
CIE _{LCh}	96, 51.416, 103.928
Y _{xy}	90.0078, 0.3784, 0.4304
Android (android.graphics.Color)	4294834321 (0xFFFD891)
Y _{UV}	237.7530, -45.7272, 13.3716
Hunter-Lab	94.8724, -17.1316, 41.4341

Details

The CIELCh color **96, 51.416, 103.928** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **66, 57.053, 294.395**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **76, 51.562, 103.866** is the 20% darker color. If you saturate the color by 10%, you get **95, 62.541, 102.965**, and if you desaturate by 10%, it is **97, 39.727, 104.937**.

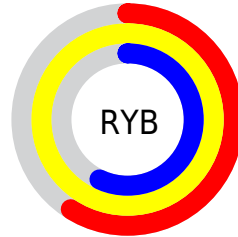
Distribution



Red (99%)

Green (97%)

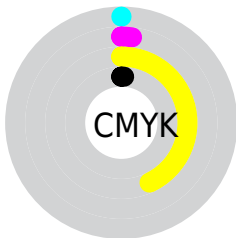
Blue (57%)



Red (59%)

Yellow (99%)

Blue (57%)

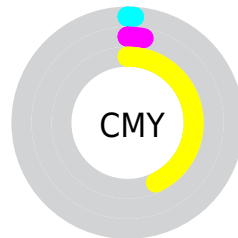


Cyan (0%)

Magenta (2%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (3%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 51.416, 103.928 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, 51.416, 103.928 by changing the saturation by 10% instead.


 96, 51.416,
103.928


 96, 51.416,
103.928


 100, 51.416,
103.928


 86, 51.416,
103.928

 76, 51.416,
103.928

 66, 51.416,
103.928

 56, 51.416,
103.928

 46, 51.416,
103.928

 36, 51.416,
103.928

 26, 51.416,

103.928

■ 16, 51.416,
103.928

■ 6, 51.416, 103.928

■ 96, 51.416,
103.928

■ 96, 51.416,
103.928

■ 95, 62.541,
102.965

■ 97, 39.727,
104.937

■ 95, 72.719,
102.067

■ 97, 27.716,
105.961

■ 94, 81.408,
101.270

■ 98, 15.539,
106.983

■ 94, 87.948,
100.603

■ 99, 3.293, 107.971

■ 100, 0.690,

■ 94, 91.789,
100.085

264.828

■ 93, 93.052, 99.784

100, 0.703,
202.129

100, 0.718,
200.282

Harmonies

Complementary

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



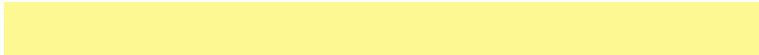
96, 51.416, 103.928



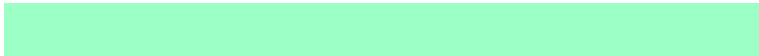
66, 57.053, 294.395

Rectangle

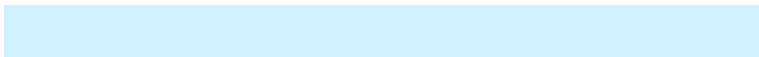
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 51.416, 103.928



96, 51.416, 153.928



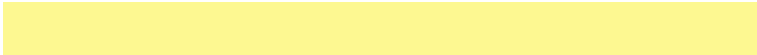
96, 51.416, 283.928



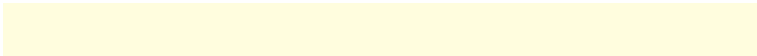
96, 51.416, 333.928

Sweetspot

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



96, 51.417, 103.931



99, 16.017, 106.951



72, 43.866, 20.146



53, 11.204, 106.727



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

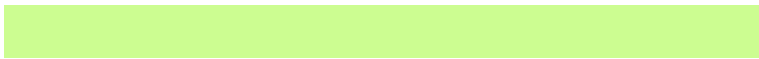
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 51.417, 103.931



96, 61.109, 103.123



94, 57.049, 125.229



53, 7.006, 107.305



73, 75.454, 99.837



25, 34.262, 100.392

Inverse Universe

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



66, 57.053, 294.395



60, 69.801, 296.121



69, 61.221, 309.662



49, 7.151, 289.299



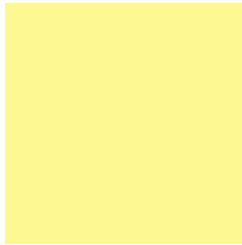
24, 105.719, 305.756



4, 42.661, 300.977

Previews

White Background



This preview shows how the CIELCh color 96, 51.416, 103.928 looks on a white background.

Color Contrast Check

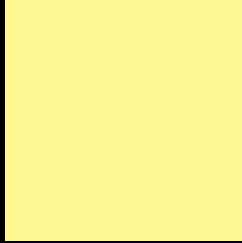
Large Text (above 18pt) WCAG AA × Fail

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, 51.416, 103.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

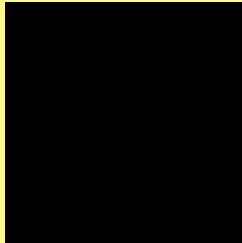
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 51.416, 103.928

Background



This preview shows how black text looks on a background with the CIELCh color 96, 51.416, 103.928.



This preview shows how white text looks on a background with the CIELCh color 96, 51.416, 103.928.

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, 51.416, 103.928

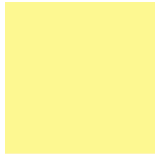
Protanopia
96, 21.376, 96.287

Deuteranopia
96, 8.355, 72.056



Tritanopia
96, 7.657, 337.891

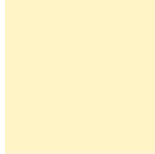
Trichromacy



Original Color
96, 51.416, 103.928



Protanomaly
96, 32.624, 101.495



Deuteranomaly
96, 23.712, 99.130

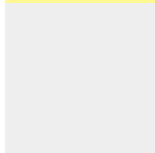


Tritanomaly
96, 16.437, 93.127

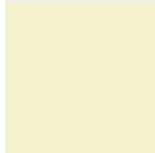
Monochromacy



Original Color
96, 51.416, 103.928



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 19.398, 107.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 51.416, 103.928 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(253, 248, 145)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 145)  
}
```

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(253, 248, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 51.416, 103.928 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(253, 248, 145) }
```

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

```
.border{ border-color:rgb(253, 248, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 248, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 248, 145); box-shadow:4px 4px 4px 4px rgb(253, 248, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 51.416, 103.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 145) }
```

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

```
.background{ background-color: rgb(253,  
248, 145) }
```

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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