

Converting Colors

CIELCh(96, 71.364, 103.371)

Have a look what the booklet for
CIELCh(96, 71.364, 103.371)
contains.

CIELCh(96, 71.717, 103.626)	3
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Color

CIELCh(96, 71.717, 103.626)

Conversions

Conversions Part 1

Format	Color
Hex	FDFA65
RGB	253, 250, 101
RGB Percent	99%, 98%, 40%
CMY	0.0088, 0.0205, 0.6047
CMYK	0.00, 0.01, 0.60, 0.01
HSL	59°, 97%, 69%
HSV	59°, 60%, 99%
XYZ	76.8783, 90.0078, 25.5781
YIQ	233.9110, 49.6170, -45.7030

Conversions

Conversions Part 2

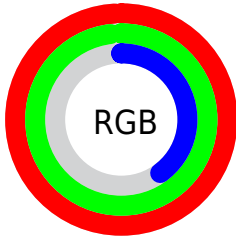
Format	Color
RYB	104, 253, 101
Decimal	16644709
CIELab	96.00, -16.90, 69.70
CIELCh	96, 71.717, 103.626
Yxy	90.0078, 0.3994, 0.4677
Android (android.graphics.Color)	4294834789 (0xFFFDFA65)
YUV	233.9110, -65.5251, 16.7411
Hunter-Lab	94.8724, -21.3822, 50.4258

Details

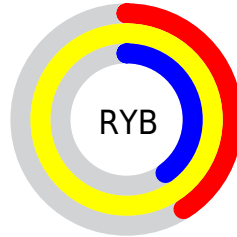
The CIELCh color **96, 71.717, 103.626** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **51, 85.634, 299.127**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **76, 71.711, 103.835** is the 20% darker color. If you saturate the color by 10%, you get **96, 80.942, 102.878**, and if you desaturate by 10%, it is **96, 61.105, 104.488**.

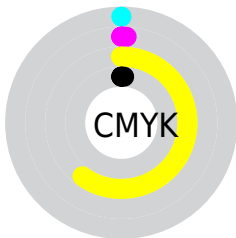
Distribution



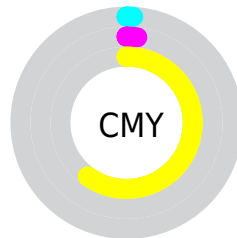
- Red (99%)
- Green (98%)
- Blue (40%)



- Red (41%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 71.717, 103.626 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, 71.717, 103.626 by changing the saturation by 10% instead.


 96, 71.717,
103.626

 96, 71.717,
103.626

 100, 71.717,
103.626


 86, 71.717,
103.626

 76, 71.717,
103.626

 66, 71.717,
103.626

 56, 71.717,
103.626

 46, 71.717,
103.626

 36, 71.717,
103.626

 26, 71.717,

103.626

■ 16, 71.717,
103.626

■ 6, 71.717, 103.626

■ 96, 71.717,
103.626

■ 96, 71.717,
103.626

■ 96, 80.942,
102.878

■ 96, 61.105,
104.488

■ 95, 88.151,
102.275

■ 97, 49.606,
105.421

■ 95, 92.773,
101.847

■ 97, 37.572,
106.397

■ 95, 94.847,
101.585

■ 98, 25.230,
107.392

99, 12.724,
108.386

99, 0.146, 108.792

99, 0.911, 279.549

100, 0.726,
262.156

100, 0.643,
237.122

Harmonies

Complementary

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



96, 71.717, 103.626



51, 85.634, 299.127

Rectangle

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



96, 71.717, 103.626



96, 71.717, 153.626



96, 71.717, 283.626



96, 71.717, 333.626

Sweetspot

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



96, 71.718, 103.628



99, 22.743, 107.603



63, 64.522, 25.393



53, 15.788, 107.313



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, 71.718, 103.628



96, 83.045, 102.750



92, 78.463, 125.217



53, 7.196, 108.447



74, 76.924, 101.606



26, 34.985, 101.917

Inverse Universe

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



51, 85.634, 299.127



44, 104.700, 301.869



57, 86.756, 311.157



49, 7.353, 290.399



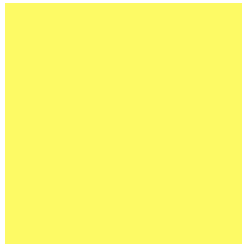
23, 106.895, 306.061



4, 43.505, 301.437

Previews

White Background



This preview shows how the CIELCh color 96, 71.717, 103.626 looks on a white background.

Color Contrast Check

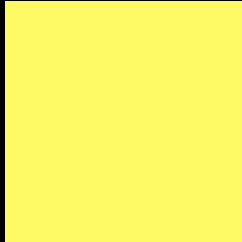
Large Text (above 18pt) WCAG AA × Fail

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, 71.717, 103.626 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, 71.717, 103.626

Background



This preview shows how black text looks on a background with the CIELCh color 96, 71.717, 103.626.

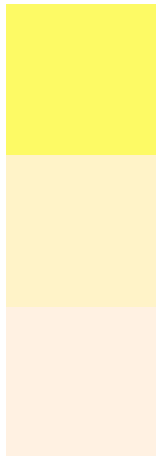


This preview shows how white text looks on a background with the CIELCh color 96, 71.717, 103.626.

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, 71.717, 103.626

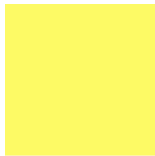
Protanopia
96, 22.371, 96.728

Deuteranopia
96, 9.197, 75.797

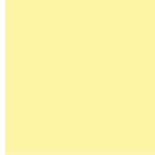


Tritanopia
96, 7.326, 340.860

Trichromacy



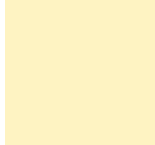
Original Color
96, 71.717, 103.626



Protanomaly
96, 41.013, 101.991



Deuteranomaly
96, 32.693, 100.803

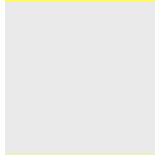


Tritanomaly
96, 25.293, 98.659

Monochromacy



Original Color
96, 71.717, 103.626



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 27.533, 107.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 71.717, 103.626 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, 250, 101)` looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 101)  
}
```

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, 250, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 71.717, 103.626 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, 250, 101) }
```

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

```
.border{ border-color:rgb(253, 250, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 250, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 250, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 250, 101);  
box-shadow:4px 4px 4px 4px rgb(253, 250,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 71.717, 103.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 250, 101) }
```

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

```
.background{ background-color: rgb(253,  
250, 101) }
```

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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