

Converting Colors

CIELCh(96, 70.200, 103.134)

Have a look what the booklet for
CIELCh(96, 70.200, 103.134)
contains.

CIELCh(96, 70.124, 103.037)	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(96, 70.124, 103.037)

Conversions

Conversions Part 1

Format	Color
Hex	FEF968
RGB	254, 249, 104
RGB Percent	100%, 98%, 41%
CMY	0.0030, 0.0226, 0.5913
CMYK	0.00, 0.02, 0.59, 0.00
HSL	58°, 99%, 70%
HSV	58°, 59%, 100%
XYZ	77.4126, 90.0078, 26.4471
YIQ	233.9650, 49.5250, -44.0350

Conversions

Conversions Part 2

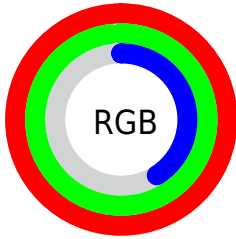
Format	Color
RYB	109, 254, 104
Decimal	16709992
CIELab	96.00, -15.82, 68.32
CIELCh	96, 70.124, 103.037
Yxy	90.0078, 0.3993, 0.4643
Android (android.graphics.Color)	4294900072 (0xFFFEF968)
YUV	233.9650, -64.0727, 17.5707
Hunter-Lab	94.8724, -20.3770, 49.8828

Details

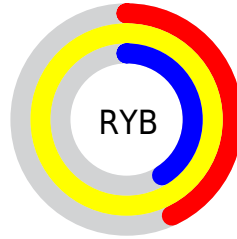
The CIELCh color **96, 70.124, 103.037** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **53, 83.011, 298.397**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **76, 70.181, 103.238** is the 20% darker color. If you saturate the color by 10%, you get **96, 79.521, 102.237**, and if you desaturate by 10%, it is **96, 59.425, 103.938**.

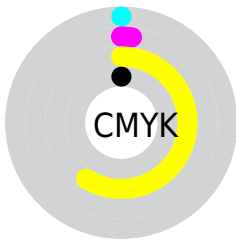
Distribution



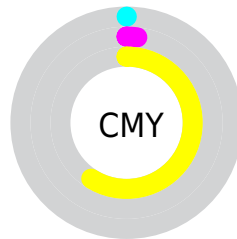
- Red (100%)
- Green (98%)
- Blue (41%)



- Red (43%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 70.124, 103.037 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, 70.124, 103.037 by changing the saturation by 10% instead.


 96, 70.124,
103.037


 96, 70.124,
103.037


 100, 70.124,
103.037


 86, 70.124,
103.037

 76, 70.124,
103.037

 66, 70.124,
103.037

 56, 70.124,
103.037

 46, 70.124,
103.037

 36, 70.124,
103.037

 26, 70.124,

103.037

■ 16, 70.124,
103.037

■ 6, 70.124, 103.037

■ 96, 70.124,
103.037

■ 96, 70.124,
103.037

■ 96, 79.521,
102.237

■ 96, 59.425,
103.938

■ 95, 86.984,
101.566

■ 97, 47.908,
104.901

■ 95, 91.900,
101.055

■ 98, 35.905,
105.898

■ 95, 94.138,
100.698

■ 98, 23.630,
106.910

95, 94.296,
100.666

99, 11.217,
107.915

100, 0.359,
285.728

100, 0.266,
201.878

Harmonies

Complementary

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



96, 70.124, 103.037



53, 83.011, 298.397

Rectangle

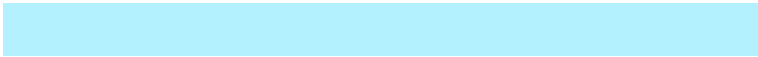
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 70.124, 103.037



96, 70.124, 153.037



96, 70.124, 283.037



96, 70.124, 333.037

Sweetspot

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



96, 70.125, 103.040



99, 22.440, 107.011



64, 63.102, 23.898



52, 15.579, 106.717



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, 70.125, 103.040



96, 81.379, 102.091



93, 77.206, 124.627



53, 7.098, 107.865



73, 76.155, 100.704



25, 34.610, 101.139

Inverse Universe

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



53, 83.011, 298.397



45, 101.755, 301.221



58, 85.550, 310.624



49, 7.248, 289.839



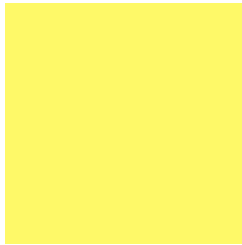
23, 106.284, 305.903



4, 43.069, 301.203

Previews

White Background



This preview shows how the CIELCh color 96, 70.124, 103.037 looks on a white background.

Color Contrast Check

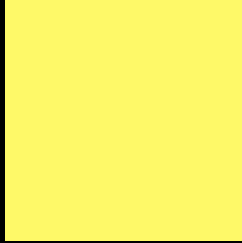
Large Text (above 18pt) WCAG AA × Fail

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, 70.124, 103.037 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, 70.124, 103.037

Background



This preview shows how black text looks on a background with the CIELCh color 96, 70.124, 103.037.



This preview shows how white text looks on a background with the CIELCh color 96, 70.124, 103.037.

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, 70.124, 103.037



Protanopia
96, 22.778, 97.881



Deuteranopia
96, 9.197, 75.797

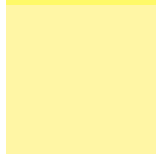


Tritanopia
96, 7.016, 344.104

Trichromacy



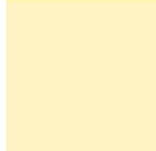
Original Color
96, 70.124, 103.037



Protanomaly
96, 40.985, 102.006



Deuteranomaly
96, 31.750, 99.987

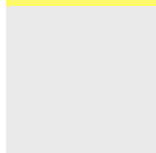


Tritanomaly
96, 24.862, 97.646

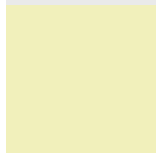
Monochromacy



Original Color
96, 70.124, 103.037



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 27.029, 107.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 70.124, 103.037 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, 249, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 104)  
}
```

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, 249, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 70.124, 103.037 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, 249, 104) }
```

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

```
.border{ border-color:rgb(254, 249, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 70.124, 103.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 104) }
```

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

```
.background{ background-color: rgb(254,  
249, 104) }
```

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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