

Converting Colors

CIELCh(96, 64.028, 102.967)

Have a look what the booklet for
CIELCh(96, 64.028, 102.967)
contains.

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Color

CIELCh(96, 64.191, 102.988)

Conversions

Conversions Part 1

Format	Color
Hex	FFF976
RGB	255, 249, 118
RGB Percent	100%, 98%, 46%
CMY	0.0015, 0.0250, 0.5386
CMYK	0.00, 0.02, 0.54, 0.00
HSL	57°, 99%, 73%
HSV	57°, 54%, 100%
XYZ	78.1069, 90.0078, 30.2864
YIQ	235.8600, 45.6270, -39.4690

Conversions

Conversions Part 2

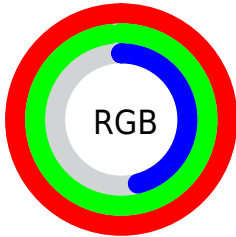
Format	Color
R _Y B	124, 255, 118
Decimal	16775542
CIE Lab	96.00, -14.43, 62.55
CIE LCh	96, 64.191, 102.988
Yxy	90.0078, 0.3937, 0.4537
Android (android.graphics.Color)	4294965622 (0xFFFFF976)
YUV	235.8600, -58.1050, 16.7858
Hunter-Lab	94.8724, -19.0706, 47.4834

Details

The CIELCh color **96, 64.191, 102.988** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **57, 74.162, 296.835**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **76, 64.349, 102.960** is the 20% darker color. If you saturate the color by 10%, you get **95, 74.300, 102.108**, and if you desaturate by 10%, it is **97, 53.075, 103.946**.

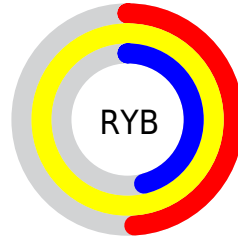
Distribution



Red (100%)

Green (98%)

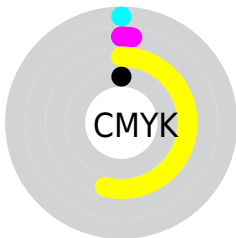
Blue (46%)



Red (49%)

Yellow (100%)

Blue (46%)

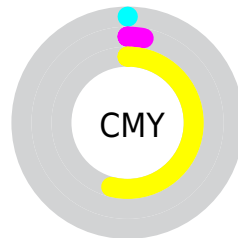


Cyan (0%)

Magenta (2%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 64.191, 102.988 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, 64.191, 102.988 by changing the saturation by 10% instead.

 96, 64.191,
102.988

 96, 64.191,
102.988

 100, 64.191,
102.988

 86, 64.191,
102.988

 76, 64.191,
102.988

 66, 64.191,
102.988

 56, 64.191,
102.988

 46, 64.191,
102.988

 36, 64.191,
102.988

 26, 64.191,

102.988

■ 16, 64.191,
102.988

■ 6, 64.191, 102.988

■ 96, 64.191,
102.988

■ 96, 64.191,
102.988

■ 95, 74.300,
102.108

■ 97, 53.075,
103.946

■ 95, 82.834,
101.332

■ 97, 41.348,
104.945

■ 95, 89.130,
100.692

■ 98, 29.272,
105.965

■ 94, 92.677,
100.204

■ 99, 17.014,
106.986

■ 94, 93.694, 99.962

■ 100, 4.674,
107.982

100, 0.135,
204.314

Harmonies

Complementary

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



96, 64.191, 102.988



57, 74.162, 296.835

Rectangle

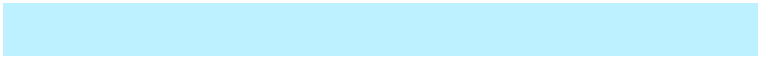
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 64.191, 102.988



96, 64.191, 152.988



96, 64.191, 282.988



96, 64.191, 332.988

Sweetspot

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



96, 64.192, 102.991



99, 19.755, 106.761



66, 57.066, 22.530



52, 13.331, 106.551



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, 64.192, 102.991



96, 75.520, 102.008



93, 71.187, 124.780



53, 7.025, 107.419



73, 75.594, 100.013



25, 34.332, 100.544

Inverse Universe

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



57, 74.162, 296.835



49, 91.516, 299.455



61, 78.067, 310.333



49, 7.170, 289.409



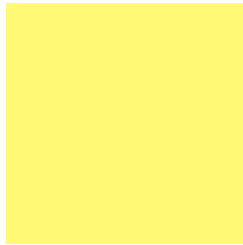
24, 105.832, 305.785



4, 42.743, 301.024

Previews

White Background



This preview shows how the CIELCh color 96, 64.191, 102.988 looks on a white background.

Color Contrast Check

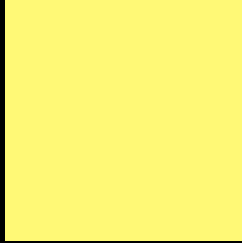
Large Text (above 18pt) WCAG AA × Fail

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, 64.191, 102.988 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, 64.191, 102.988

Background



This preview shows how black text looks on a background with the CIELCh color 96, 64.191, 102.988.

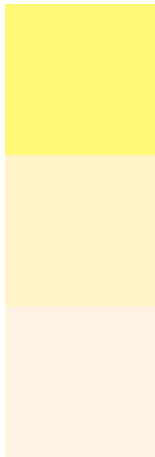


This preview shows how white text looks on a background with the CIELCh color 96, 64.191, 102.988.

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, 64.191, 102.988

Protanopia
96, 22.279, 97.697

Deuteranopia
96, 8.771, 74.019



Tritanopia
96, 7.326, 340.860

Trichromacy



Original Color
96, 64.191, 102.988



Protanomaly
96, 38.041, 101.888



Deuteranomaly
96, 29.263, 99.577

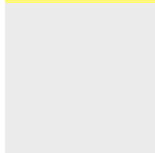


Tritanomaly
96, 21.874, 96.514

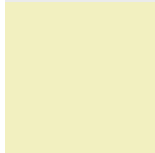
Monochromacy



Original Color
96, 64.191, 102.988



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 24.509, 106.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 64.191, 102.988 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(255, 249, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 118)  
}
```

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(255, 249, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 64.191, 102.988 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(255, 249, 118) }
```

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

```
.border{ border-color:rgb(255, 249, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 64.191, 102.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 118) }
```

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

```
.background{ background-color: rgb(255,  
249, 118) }
```

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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