

Converting Colors

CIELCh(96, 93.705, 101.826)

Have a look what the booklet for
CIELCh(96, 93.705, 101.826)
contains.

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Color

CIELCh(96, 93.834, 101.961)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB16
RGB	255, 251, 22
RGB Percent	100%, 98%, 9%
CMY	0.0016, 0.0171, 0.9133
CMYK	0.00, 0.02, 0.91, 0.00
HSL	59°, 100%, 54%
HSV	59°, 91%, 100%
XYZ	75.6221, 90.0078, 14.1509
YIQ	226.0900, 75.8930, -70.3710

Conversions

Conversions Part 2

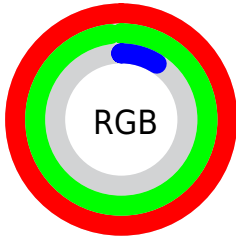
Format	Color
R _Y B	26, 255, 22
Decimal	16775958
CIE Lab	96.00, -19.45, 91.80
CIE LCh	96, 93.834, 101.961
Yxy	90.0078, 0.4206, 0.5007
Android (android.graphics.Color)	4294966038 (0xFFFFFB16)
YUV	226.0900, -100.6164, 25.3541
Hunter-Lab	94.8724, -23.7457, 57.5672

Details

The CIELCh color **96, 93.834, 101.961** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **34, 128.205, 305.443**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 73.656, 104.550**, and **76, 79.198, 103.171** is the 20% darker color. If you saturate the color by 10%, you get **96, 95.553, 101.753**, and if you desaturate by 10%, it is **96, 89.520, 102.356**.

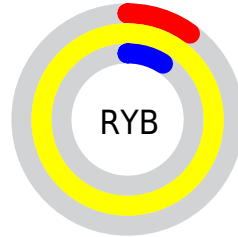
Distribution



Red (100%)

Green (98%)

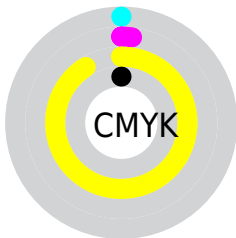
Blue (9%)



Red (10%)

Yellow (100%)

Blue (9%)

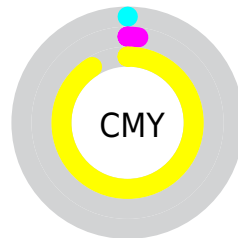


Cyan (0%)

Magenta (2%)

Yellow (91%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 93.834, 101.961 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, 93.834, 101.961 by changing the saturation by 10% instead.


 96, 93.834,
101.961


 96, 93.834,
101.961


 100, 93.834,
101.961


 86, 93.834,
101.961

 76, 93.834,
101.961

 66, 93.834,
101.961

 56, 93.834,
101.961

 46, 93.834,
101.961

 36, 93.834,
101.961

 26, 93.834,

101.961

■ 16, 93.834,
101.961

■ 6, 93.834, 101.961

■ 96, 93.834,
101.961

■ 96, 93.834,
101.961

■ 96, 95.553,
101.753

■ 96, 89.520,
102.356

■ 96, 82.554,
102.930

■ 97, 73.477,
103.657

■ 97, 62.927,
104.500

97, 51.427,
105.422

98, 39.349,
106.391

98, 26.935,
107.382

99, 14.339,
108.376

100, 1.661,
109.316

Harmonies

Complementary

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



96, 93.834, 101.961



34, 128.205, 305.443

Rectangle

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



96, 93.834, 101.961



96, 93.834, 151.961



96, 93.834, 281.961



96, 93.834, 331.961

Sweetspot

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



96, 93.833, 101.963



98, 34.063, 106.817



54, 97.877, 36.683



52, 22.903, 106.479



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, 93.833, 101.963



96, 95.666, 101.753



91, 104.924, 126.193



53, 7.214, 108.554



74, 77.070, 101.772



26, 35.055, 102.061

Inverse Universe

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



34, 128.205, 305.443



33, 133.147, 306.150



42, 121.607, 311.486



49, 7.373, 290.503



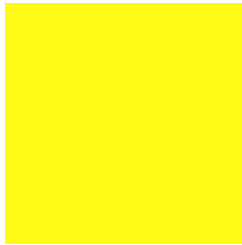
23, 107.010, 306.090



4, 43.587, 301.480

Previews

White Background



This preview shows how the CIELCh color 96, 93.834, 101.961 looks on a white background.

Color Contrast Check

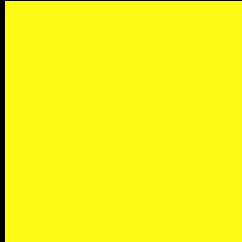
Large Text (above 18pt) WCAG AA × Fail

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, 93.834, 101.961 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, 93.834, 101.961

Background



This preview shows how black text looks on a background with the CIELCh color 96, 93.834, 101.961.



This preview shows how white text looks on a background with the CIELCh color 96, 93.834, 101.961.

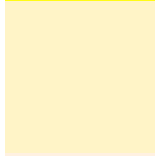
Color Blindness Simulation

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, 93.955, 101.954



Protanopia
96, 23.277, 98.056

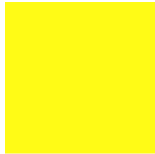


Deuteranopia
96, 9.631, 77.413

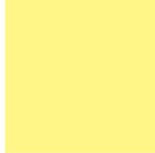


Tritanopia
96, 7.016, 344.104

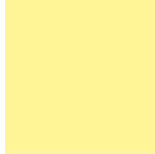
Trichromacy



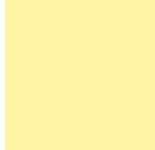
Original Color
96, 93.955, 101.954



Protanomaly
96, 55.318, 102.056

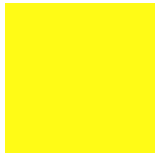


Deuteranomaly
95, 47.352, 101.612

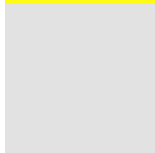


Tritanomaly
95, 39.729, 100.201

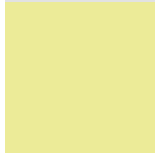
Monochromacy



Original Color
96, 93.955, 101.954



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 42.111, 106.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 93.834, 101.961 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, 251, 22)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 22)  
}
```

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, 251, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 93.834, 101.961 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, 251, 22) }
```

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

```
.border{ border-color:rgb(255, 251, 22) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 22);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 93.834, 101.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 22) }
```

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

```
.background{ background-color: rgb(255,  
251, 22) }
```

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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