

Converting Colors

CIELCh(94, 86.626, 100.426)

Have a look what the booklet for
CIELCh(94, 86.626, 100.426)
contains.

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Color

CIELCh(94, 86.649, 100.564)

Conversions

Conversions Part 1

Format	Color
Hex	FDF331
RGB	253, 243, 49
RGB Percent	99%, 95%, 19%
CMY	0.0075, 0.0467, 0.8074
CMYK	0.00, 0.04, 0.81, 0.01
HSL	57°, 98%, 59%
HSV	57°, 81%, 99%
XYZ	73.1715, 85.2715, 15.5205
YIQ	223.8740, 68.2340, -58.2140

Conversions

Conversions Part 2

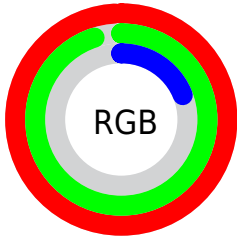
Format	Color
R _{YB}	60, 253, 49
Decimal	16642865
CIE Lab	94.00, -15.89, 85.18
CIE LCh	94, 86.649, 100.564
Yxy	85.2715, 0.4206, 0.4902
Android (android.graphics.Color)	4294832945 (0xFFFD331)
YUV	223.8740, -86.2129, 25.5435
Hunter-Lab	92.3426, -20.1575, 54.6747

Details

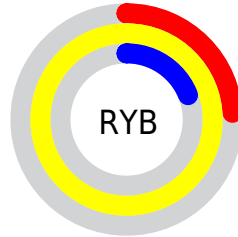
The CIELCh color **94, 86.649, 100.564** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **39, 113.099, 302.926**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 68.311, 104.953**, and **74, 76.785, 101.187** is the 20% darker color. If you saturate the color by 10%, you get **94, 91.081, 100.002**, and if you desaturate by 10%, it is **94, 79.604, 101.274**.

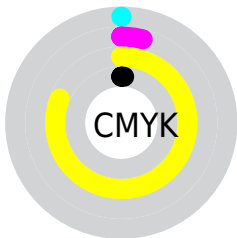
Distribution



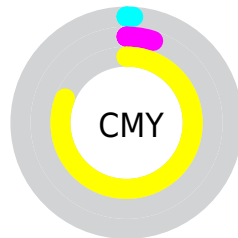
- Red (99%)
- Green (95%)
- Blue (19%)



- Red (24%)
- Yellow (99%)
- Blue (19%)



- Cyan (0%)
- Magenta (4%)
- Yellow (81%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 86.649, 100.564 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 94, 86.649, 100.564 by changing the saturation by 10% instead.

 94, 86.649,
100.564

 94, 86.649,
100.564

 100, 86.649,
100.564

 84, 86.649,
100.564

 74, 86.649,
100.564

 64, 86.649,
100.564

 54, 86.649,
100.564

 44, 86.649,
100.564

 34, 86.649,
100.564

 24, 86.649,

100.564

■ 14, 86.649,
100.564

■ 4, 86.649, 100.564

■ 94, 86.649,
100.564

■ 94, 86.649,
100.564

■ 94, 91.081,
100.002

■ 94, 79.604,
101.274

■ 93, 92.906, 99.588

■ 95, 70.555,
102.103

■ 95, 60.149,
103.024

■ 96, 48.895,
104.006

97, 37.141,
105.021

98, 25.108,
106.049

98, 12.936,
107.072

99, 0.712, 107.948

100, 0.559,
243.705

Harmonies

Complementary

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



94, 86.649, 100.564



39, 113.099, 302.926

Rectangle

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



94, 86.649, 100.564



94, 86.649, 150.564



94, 86.649, 280.564



94, 86.649, 330.564

Sweetspot

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



94, 86.649, 100.566



98, 29.409, 105.698



56, 86.697, 31.470



52, 20.172, 105.331



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 86.649, 100.566



94, 92.981, 99.712



91, 97.563, 124.773



53, 6.986, 107.181



73, 75.303, 99.645



25, 34.187, 100.226

Inverse Universe

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



39, 113.099, 302.926



33, 130.291, 305.639



46, 112.516, 311.335



49, 7.130, 289.179



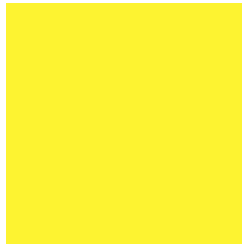
24, 105.596, 305.723



4, 42.571, 300.927

Previews

White Background



This preview shows how the CIELCh color 94, 86.649, 100.564 looks on a white background.

Color Contrast Check

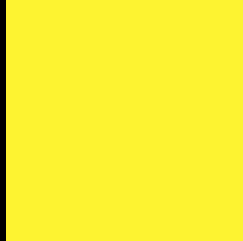
Large Text (above 18pt) WCAG AA × Fail

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 94, 86.649, 100.564 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 94, 86.649, 100.564

Background



This preview shows how black text looks on a background with the CIELCh color 94, 86.649, 100.564.



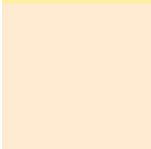


This preview shows how white text looks on a background with the CIELCh color 94, 86.649, 100.564.

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 94, 86.649, 100.564
	Protanopia 94, 37.728, 96.912
	Deuteranopia 94, 15.311, 79.783



Tritanopia
94, 10.013, 349.202

Trichromacy



Original Color
94, 86.649, 100.564



Protanomaly
94, 58.436, 99.871



Deuteranomaly
94, 44.485, 98.326

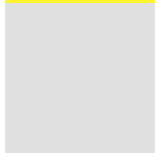


Tritanomaly
93, 33.551, 94.639

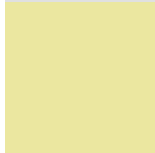
Monochromacy



Original Color
94, 86.649, 100.564



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 36.312, 104.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 86.649, 100.564 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, 243, 49)` looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 49)  
}
```

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, 243, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 86.649, 100.564 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, 243, 49) }
```

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

```
.border{ border-color:rgb(253, 243, 49) }
```

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

Here you see how a box with a 4 pixel rgb(253, 243, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 49);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 86.649, 100.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 49) }
```

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

```
.background{ background-color: rgb(253,  
243, 49) }
```

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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