

Converting Colors

CIELCh(94, 69.396, 100.057)

Have a look what the booklet for
CIELCh(94, 69.396, 100.057)
contains.

CIELCh(94, 69.254, 99.841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 69.254, 99.841)

Conversions

Conversions Part 1

Format	Color
Hex	FFF163
RGB	255, 241, 99
RGB Percent	100%, 95%, 39%
CMY	0.0000, 0.0539, 0.6108
CMYK	0.00, 0.05, 0.61, 0.00
HSL	55°, 100%, 69%
HSV	55°, 61%, 100%
XYZ	75.1284, 85.2715, 24.3637
YIQ	228.9980, 53.9260, -41.1940

Conversions

Conversions Part 2

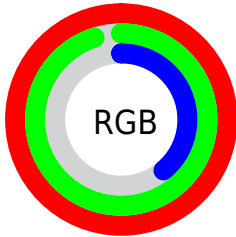
Format	Color
RYB	114, 255, 99
Decimal	16773475
CIELab	94.00, -11.84, 68.23
CIELCh	94, 69.254, 99.841
Yxy	85.2715, 0.4066, 0.4615
Android (android.graphics.Color)	4294963555 (0xFFFFFFFF163)
YUV	228.9980, -64.0890, 22.8038
Hunter-Lab	92.3426, -16.3749, 48.9967

Details

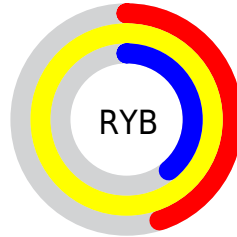
The CIELCh color **94, 69.254, 99.841** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **54, 81.187, 296.842**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 49.747, 106.373**, and **74, 69.262, 99.810** is the 20% darker color. If you saturate the color by 10%, you get **93, 78.146, 98.990**, and if you desaturate by 10%, it is **95, 59.033, 100.943**.

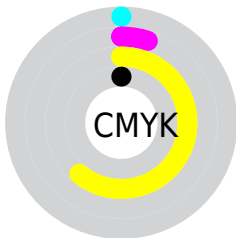
Distribution



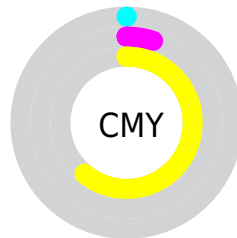
- Red (100%)
- Green (95%)
- Blue (39%)



- Red (45%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 69.254, 99.841 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, 69.254, 99.841 by changing the saturation by 10% instead.

 94, 69.254, 99.841

 94, 69.254, 99.841

 100, 69.254,
99.841

 84, 69.254, 99.841

 74, 69.254, 99.841

 64, 69.254, 99.841

 54, 69.254, 99.841

 44, 69.254, 99.841

 34, 69.254, 99.841

 24, 69.254, 99.841

 14, 69.254, 99.841

 4, 69.254, 99.841

■ 94, 69.254, 99.841

■ 94, 69.254, 99.841

■ 93, 78.146, 98.990

■ 95, 59.033,
100.943

■ 93, 85.060, 98.131

■ 96, 48.027,
101.994

■ 92, 89.323, 97.364

■ 91, 90.912, 96.738

■ 97, 36.571,
103.065

■ 98, 24.880,
104.140

■ 99, 13.085,
105.202

■ 100, 1.266,
106.160

■ 100, 0.012,
296.813

Harmonies

Complementary

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



94, 69.254, 99.841



54, 81.187, 296.842

Rectangle

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



94, 69.254, 99.841



94, 69.254, 149.841



94, 69.254, 279.841



94, 69.254, 329.841

Sweetspot

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



94, 69.244, 99.934



98, 21.252, 104.470



63, 64.552, 20.852



52, 14.762, 104.159



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, 69.244, 99.934



93, 79.649, 98.818



93, 78.699, 122.667



53, 6.713, 105.367



71, 73.299, 96.851



24, 33.151, 97.814

Inverse Universe

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



54, 81.187, 296.842



46, 98.762, 299.881



56, 88.723, 309.343



49, 6.837, 287.431



24, 103.608, 305.193



4, 41.322, 300.191

Previews

White Background



This preview shows how the CIELCh color 94, 69.254, 99.841 looks on a white background.

Color Contrast Check

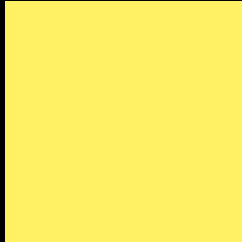
Large Text (above 18pt) WCAG AA × Fail

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, 69.254, 99.841 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, 69.254, 99.841

Background



This preview shows how black text looks on a background with the CIELCh color 94, 69.254, 99.841.

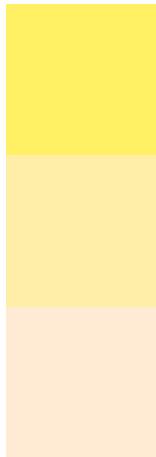


This preview shows how white text looks on a background with the CIELCh color 94, 69.254, 99.841.

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, 69.254, 99.841

Protanopia

94, 36.745, 96.738

Deuteranopia

94, 14.189, 75.632



Tritanopia
94, 9.443, 350.728

Trichromacy



Original Color
94, 69.254, 99.841



Protanomaly
94, 49.255, 98.696



Deuteranomaly
94, 34.886, 95.692

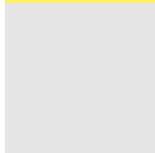


Tritanomaly
94, 24.818, 90.178

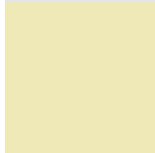
Monochromacy



Original Color
94, 69.254, 99.841



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 26.220, 103.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 69.254, 99.841 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, 241, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 99)  
}
```

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, 241, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 69.254, 99.841 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, 241, 99) }
```

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

```
.border{ border-color:rgb(255, 241, 99) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 69.254, 99.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 99) }
```

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

```
.background{ background-color: rgb(255,  
241, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor