

Converting Colors

CIELCh(94, 68.014, 103.897)

Have a look what the booklet for
CIELCh(94, 68.014, 103.897)
contains.

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Color

CIELCh(94, 68.090, 104.100)

Conversions

Conversions Part 1

Format	Color
Hex	F6F468
RGB	246, 244, 104
RGB Percent	96%, 96%, 41%
CMY	0.0354, 0.0432, 0.5922
CMYK	0.00, 0.01, 0.58, 0.04
HSL	59°, 89%, 69%
HSV	59°, 58%, 96%
XYZ	72.8358, 85.2715, 25.7099
YIQ	228.6380, 46.1320, -43.1160

Conversions

Conversions Part 2

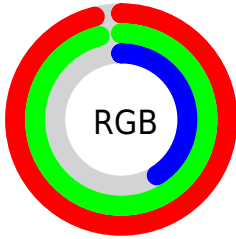
Format	Color
R_{YB}	106, 246, 104
Decimal	16184424
CIE _{Lab}	94.00, -16.59, 66.04
CIE _{LCh}	94, 68.090, 104.100
Yxy	85.2715, 0.3962, 0.4639
Android (android.graphics.Color)	4294374504 (0xFFFF6F468)
YUV	228.6380, -61.4465, 15.2265
Hunter-Lab	92.3426, -20.8066, 48.1324

Details

The CIELCh color **94, 68.090, 104.100** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 80.567, 298.755**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **74, 68.054, 104.038** is the 20% darker color. If you saturate the color by 10%, you get **94, 77.530, 103.337**, and if you desaturate by 10%, it is **94, 57.421, 104.971**.

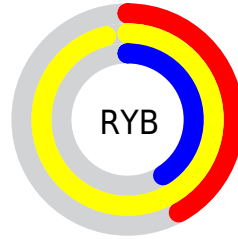
Distribution



Red (96%)

Green (96%)

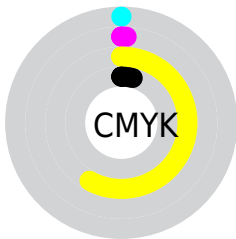
Blue (41%)



Red (42%)

Yellow (96%)

Blue (41%)

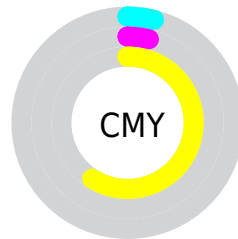


Cyan (0%)

Magenta (1%)

Yellow (58%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 68.090, 104.100 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, 68.090, 104.100 by changing the saturation by 10% instead.

 94, 68.090,
104.100


 94, 68.090,
104.100

 100, 68.090,
104.100


 84, 68.090,
104.100

 74, 68.090,
104.100

 64, 68.090,
104.100

 54, 68.090,
104.100

 44, 68.090,
104.100

 34, 68.090,
104.100

 24, 68.090,

104.100

■ 14, 68.090,
104.100

■ 4, 68.090, 104.100

■ 94, 68.090,
104.100

■ 94, 68.090,
104.100

■ 94, 77.530,
103.337

■ 94, 57.421,
104.971

■ 94, 85.149,
102.714

■ 95, 45.973,
105.906

■ 93, 90.357,
102.266

■ 95, 34.057,
106.880

■ 93, 92.916,
102.000

■ 96, 21.875,
107.870

93, 93.302,
101.952

- 96, 9.553, 108.855
- 97, 2.826, 289.866
- 97, 4.407, 288.625
- 97, 4.234, 286.917
- 97, 4.065, 285.067

Harmonies

Complementary

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



94, 68.090, 104.100



52, 80.567, 298.755

Rectangle

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



94, 68.090, 104.100



94, 68.090, 154.100



94, 68.090, 284.100



94, 68.090, 334.100

Sweetspot

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



94, 68.091, 104.103



99, 21.604, 107.939



62, 60.729, 25.886



53, 14.440, 107.739



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, 68.091, 104.103



97, 80.904, 103.240



90, 74.419, 125.885



51, 6.998, 108.683



73, 75.705, 101.968



23, 32.802, 102.425

Inverse Universe

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



52, 80.567, 298.755



45, 100.717, 301.357



57, 81.570, 311.519



47, 7.152, 290.619



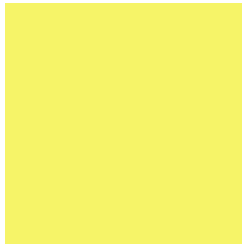
22, 104.990, 306.120



3, 39.515, 299.543

Previews

White Background



This preview shows how the CIELCh color 94, 68.090, 104.100 looks on a white background.

Color Contrast Check

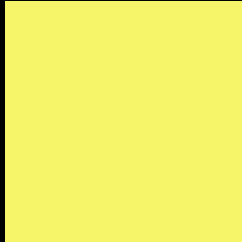
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 68.090, 104.100 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, 68.090, 104.100

Background



This preview shows how black text looks on a background with the CIELCh color 94, 68.090, 104.100.

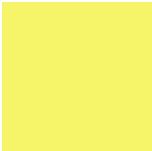

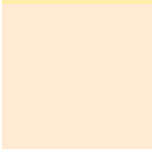


This preview shows how white text looks on a background with the CIELCh color 94, 68.090, 104.100.

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](#).

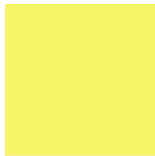
Dichromacy

	Original Color 94, 68.090, 104.100
	Protanopia 94, 36.745, 96.738
	Deuteranopia 94, 14.189, 75.632



Tritanopia
94, 11.186, 340.111

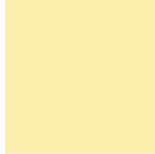
Trichromacy



Original Color
94, 68.090, 104.100



Protanomaly
94, 48.540, 100.586



Deuteranomaly
94, 34.062, 98.196

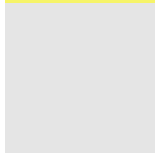


Tritanomaly
94, 22.372, 92.588

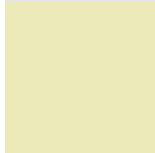
Monochromacy



Original Color
94, 68.090, 104.100



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 25.630, 107.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 68.090, 104.100 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(246, 244, 104)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 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(246, 244, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 68.090, 104.100 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(246, 244, 104) }
```

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

```
.border{ border-color:rgb(246, 244, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 104);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 68.090, 104.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 104) }
```

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

```
.background{ background-color: rgb(246,  
244, 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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