

Converting Colors

CIELCh(94, 61.630, 104.402)

Have a look what the booklet for
CIELCh(94, 61.630, 104.402)
contains.

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Color

CIELCh(94, 61.643, 104.143)

Conversions

Conversions Part 1

Format	Color
Hex	F6F376
RGB	246, 243, 118
RGB Percent	96%, 95%, 46%
CMY	0.0339, 0.0457, 0.5360
CMYK	0.00, 0.01, 0.52, 0.03
HSL	59°, 88%, 72%
HSV	59°, 52%, 97%
XYZ	73.5668, 85.2715, 29.8197
YIQ	229.6470, 41.9130, -38.2390

Conversions

Conversions Part 2

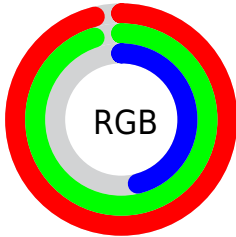
Format	Color
RYB	121, 246, 118
Decimal	16184182
CIELab	94.00, -15.06, 59.77
CIELCh	94, 61.643, 104.143
Yxy	85.2715, 0.3899, 0.4520
Android (android.graphics.Color)	4294374262 (0xFFFF6F376)
YUV	229.6470, -55.0420, 14.3416
Hunter-Lab	92.3426, -19.3935, 45.4936

Details

The CIELCh color **94, 61.643, 104.143** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **56, 71.082, 297.154**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **74, 61.578, 104.245** is the 20% darker color. If you saturate the color by 10%, you get **94, 71.817, 103.295**, and if you desaturate by 10%, it is **94, 50.537, 105.073**.

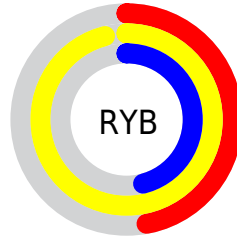
Distribution



Red (96%)

Green (95%)

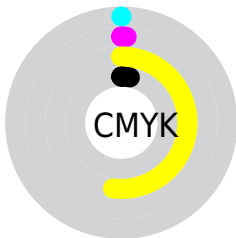
Blue (46%)



Red (47%)

Yellow (96%)

Blue (46%)

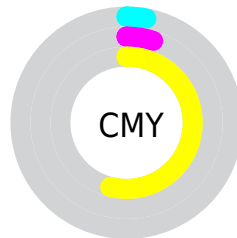


Cyan (0%)

Magenta (1%)

Yellow (52%)

Black (3%)



Cyan (3%)


Magenta (5%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 61.643, 104.143 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, 61.643, 104.143 by changing the saturation by 10% instead.


 94, 61.643,
104.143


 94, 61.643,
104.143


 100, 61.643,
104.143


 84, 61.643,
104.143

 74, 61.643,
104.143

 64, 61.643,
104.143

 54, 61.643,
104.143

 44, 61.643,
104.143

 34, 61.643,
104.143

 24, 61.643,

104.143

■ 14, 61.643,
104.143

■ 4, 61.643, 104.143

■ 94, 61.643,
104.143

■ 94, 61.643,
104.143

■ 94, 71.817,
103.295

■ 94, 50.537,
105.073

■ 93, 80.538,
102.557

■ 95, 38.860,
106.048

■ 93, 87.183,
101.969

■ 96, 26.854,
107.044

■ 93, 91.229,
101.554

■ 96, 14.672,
108.042

93, 92.750,
101.330

97, 2.409, 109.002

97, 4.193, 288.316

97, 3.907, 285.189

98, 3.633, 281.584

98, 3.377, 277.416

Harmonies

Complementary

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



94, 61.643, 104.143



56, 71.082, 297.154

Rectangle

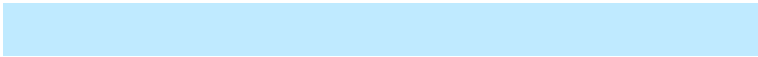
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 61.643, 104.143



94, 61.643, 154.143



94, 61.643, 284.143



94, 61.643, 334.143

Sweetspot

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



94, 61.644, 104.146



99, 20.151, 107.638



65, 53.737, 23.281



53, 13.597, 107.432



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, 61.644, 104.146



97, 73.861, 103.284



91, 67.469, 125.464



51, 6.932, 108.289



72, 75.179, 101.357



23, 32.544, 101.904

Inverse Universe

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



56, 71.082, 297.154



51, 88.835, 299.434



61, 73.456, 310.722



47, 7.082, 290.238



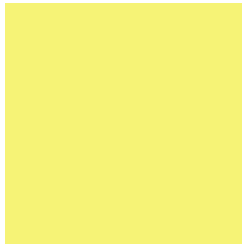
22, 104.560, 306.007



3, 39.251, 299.388

Previews

White Background



This preview shows how the CIELCh color 94, 61.643, 104.143 looks on a white background.

Color Contrast Check

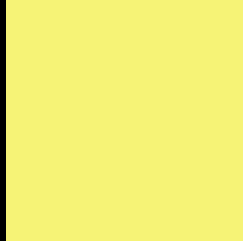
Large Text (above 18pt) WCAG AA × Fail

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, 61.643, 104.143 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, 61.643, 104.143

Background



This preview shows how black text looks on a background with the CIELCh color 94, 61.643, 104.143.



This preview shows how white text looks on a background with the CIELCh color 94, 61.643, 104.143.

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, 61.643, 104.143

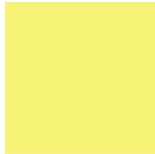
Protanopia
94, 36.254, 96.646

Deuteranopia
94, 13.756, 74.527



Tritanopia
94, 11.186, 340.111

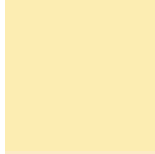
Trichromacy



Original Color
94, 61.643, 104.143



Protanomaly
94, 45.657, 100.490



Deuteranomaly
94, 30.686, 96.768

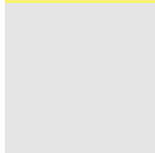


Tritanomaly
94, 19.566, 89.433

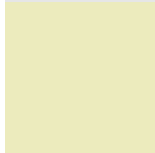
Monochromacy



Original Color
94, 61.643, 104.143



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 23.579, 107.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 61.643, 104.143 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, 243, 118)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 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(246, 243, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 61.643, 104.143 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, 243, 118) }
```

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

```
.border{ border-color:rgb(246, 243, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 118);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 61.643, 104.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 118) }
```

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

```
.background{ background-color: rgb(246,  
243, 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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