

Converting Colors

CIELCh(94, 40.338, 108.618)

Have a look what the booklet for
CIELCh(94, 40.338, 108.618)
contains.

CIELCh(94, 40.437, 108.646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 40.437, 108.646)

Conversions

Conversions Part 1

Format	Color
Hex	F0F3A3
RGB	240, 243, 163
RGB Percent	94%, 95%, 64%
CMY	0.0588, 0.0470, 0.3608
CMYK	0.01, 0.00, 0.33, 0.05
HSL	62°, 77%, 80%
HSV	62°, 33%, 95%
XYZ	74.5973, 85.2715, 47.1777
YIQ	232.9830, 23.8920, -25.5160

Conversions

Conversions Part 2

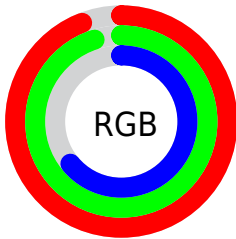
Format	Color
RYB	163, 243, 166
Decimal	15791011
CIELab	94.00, -12.93, 38.31
CIELCh	94, 40.437, 108.646
Yxy	85.2715, 0.3603, 0.4118
Android (android.graphics.Color)	4293981091 (0xFFFF0F3A3)
YUV	232.9830, -34.5016, 6.1539
Hunter-Lab	92.3426, -17.4016, 34.3486

Details

The CIELCh color **94, 40.437, 108.646** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 43.895, 295.566**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **74, 40.584, 108.632** is the 20% darker color. If you saturate the color by 10%, you get **94, 52.156, 107.770**, and if you desaturate by 10%, it is **94, 28.345, 109.560**.

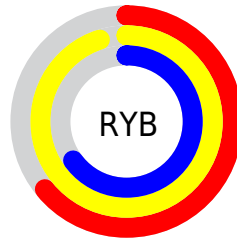
Distribution



Red (94%)

Green (95%)

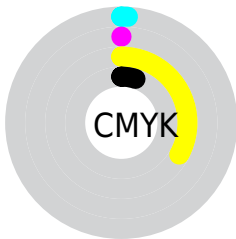
Blue (64%)



Red (64%)

Yellow (95%)

Blue (65%)

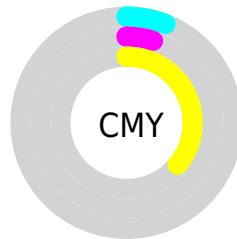


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (5%)



Cyan (6%)


Magenta (5%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 40.437, 108.646 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, 40.437, 108.646 by changing the saturation by 10% instead.

 94, 40.437,
108.646


 94, 40.437,
108.646


 100, 40.437,
108.646


 84, 40.437,
108.646

 74, 40.437,
108.646

 64, 40.437,
108.646

 54, 40.437,
108.646

 44, 40.437,
108.646

 34, 40.437,
108.646

 24, 40.437,

108.646

■ 14, 40.437,
108.646

■ 4, 40.437, 108.646

■ 94, 40.437,
108.646

■ 94, 40.437,
108.646

■ 94, 52.156,
107.770

■ 94, 28.345,
109.560

■ 93, 63.246,
106.953

■ 95, 16.040,
110.478

■ 93, 73.329,
106.237

■ 96, 3.626, 111.378

■ 93, 81.889,
105.670

■ 96, 6.160, 292.734

■ 96, 6.184, 295.655

■ 93, 88.323,
105.304

■ 96, 6.224, 298.551

■ 92, 92.177,
105.178

■ 96, 6.279, 301.408

■ 92, 93.551,
105.215

■ 96, 6.349, 304.213

■ 97, 6.434, 306.955

Harmonies

Complementary

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



94, 40.437, 108.646



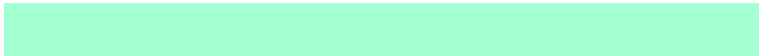
70, 43.895, 295.566

Rectangle

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



94, 40.437, 108.646



94, 40.437, 158.646



94, 40.437, 288.646



94, 40.437, 338.646

Sweetspot

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



94, 40.439, 108.649



99, 12.913, 110.743



75, 31.084, 24.747



53, 8.808, 110.614



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

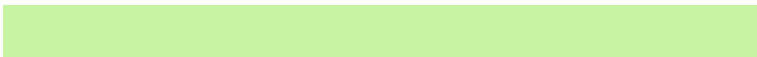
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 40.439, 108.649



98, 50.720, 108.013



91, 43.828, 128.694



51, 7.101, 110.792



73, 76.589, 105.176



23, 33.193, 105.261

Inverse Universe

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



70, 43.895, 295.566



67, 56.312, 296.718



73, 45.759, 311.791



47, 7.261, 292.584



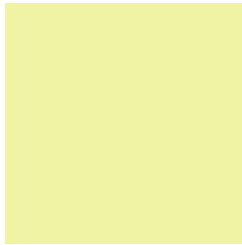
22, 105.443, 306.397



3, 40.010, 300.639

Previews

White Background



This preview shows how the CIELCh color 94, 40.437, 108.646 looks on a white background.

Color Contrast Check

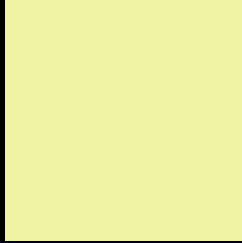
Large Text (above 18pt) WCAG AA × Fail

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, 40.437, 108.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

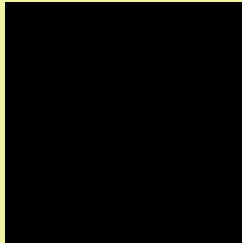
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 40.437, 108.646

Background



This preview shows how black text looks on a background with the CIELCh color 94, 40.437, 108.646.

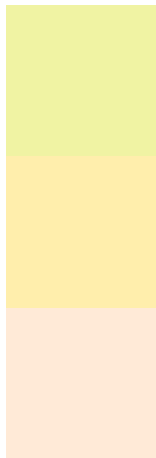


This preview shows how white text looks on a background with the CIELCh color 94, 40.437, 108.646.

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, 40.437, 108.646

Protanopia

94, 34.284, 96.239

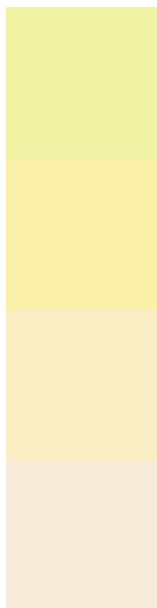
Deuteranopia

94, 12.495, 70.745



Tritanopia
94, 11.473, 326.283

Trichromacy



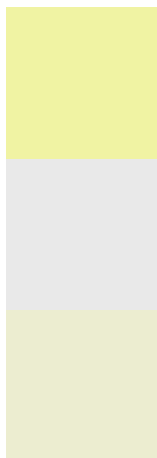
Original Color
94, 40.437, 108.646

Protanomaly
94, 36.265, 101.078

Deuteranomaly
94, 21.563, 95.235

Tritanomaly
94, 10.068, 85.742

Monochromacy



Original Color
94, 40.437, 108.646

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 14.883, 110.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 40.437, 108.646 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(240, 243, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 163)  
}
```

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(240, 243, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 40.437, 108.646 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(240, 243, 163) }
```

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

```
.border{ border-color:rgb(240, 243, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 243, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 243, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 243, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 243,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 40.437, 108.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 163) }
```

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

```
.background{ background-color: rgb(240,  
243, 163) }
```

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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