

Converting Colors

CIELCh(94, 40.722, 108.353)

Have a look what the booklet for
CIELCh(94, 40.722, 108.353)
contains.

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Color

CIELCh(94, 40.927, 108.589)

Conversions

Conversions Part 1

Format	Color
Hex	F0F3A2
RGB	240, 243, 162
RGB Percent	94%, 95%, 64%
CMY	0.0586, 0.0469, 0.3645
CMYK	0.01, 0.00, 0.33, 0.05
HSL	62°, 77%, 79%
HSV	62°, 33%, 95%
XYZ	74.5400, 85.2715, 46.7327
YIQ	232.8690, 24.2130, -25.8270

Conversions

Conversions Part 2

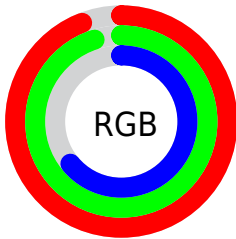
Format	Color
R_{YB}	162, 243, 165
Decimal	15791010
CIE _{Lab}	94.00, -13.05, 38.79
CIE _{LCh}	94, 40.927, 108.589
Yxy	85.2715, 0.3609, 0.4128
Android (android.graphics.Color)	4293981090 (0xFFFF0F3A2)
YUV	232.8690, -34.9384, 6.2539
Hunter-Lab	92.3426, -17.5123, 34.6343

Details

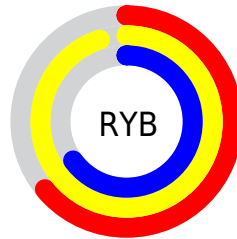
The CIELCh color **94, 40.927, 108.589** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 44.482, 295.614**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **74, 41.084, 108.557** is the 20% darker color. If you saturate the color by 10%, you get **94, 52.628, 107.714**, and if you desaturate by 10%, it is **94, 28.845, 109.502**.

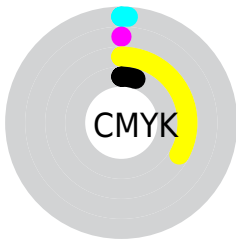
Distribution



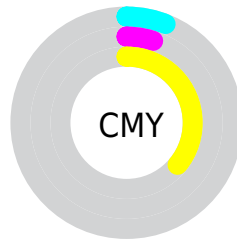
- Red (94%)
- Green (95%)
- Blue (64%)



- 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, 40.927, 108.589 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, 40.927, 108.589 by changing the saturation by 10% instead.


 94, 40.927,
108.589


 94, 40.927,
108.589


 100, 40.927,
108.589


 84, 40.927,
108.589

 74, 40.927,
108.589

 64, 40.927,
108.589

 54, 40.927,
108.589

 44, 40.927,
108.589

 34, 40.927,
108.589

 24, 40.927,

108.589

■ 14, 40.927,
108.589

■ 4, 40.927, 108.589

■ 94, 40.927,
108.589

■ 94, 40.927,
108.589

■ 94, 52.628,
107.714

■ 94, 28.845,
109.502

■ 93, 63.686,
106.900

■ 95, 16.544,
110.422

■ 93, 73.720,
106.187

■ 96, 4.132, 111.325

■ 93, 82.206,
105.627

■ 96, 6.137, 292.597

■ 96, 6.159, 295.494

■ 93, 88.543,
105.269

■ 96, 6.197, 298.368

■ 92, 92.288,
105.151

■ 96, 6.251, 301.204

■ 92, 93.561,
105.186

■ 96, 6.319, 303.990

■ 97, 6.402, 306.714

Harmonies

Complementary

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



94, 40.927, 108.589



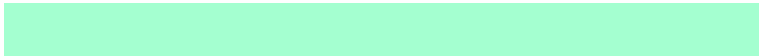
70, 44.482, 295.614

Rectangle

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



94, 40.927, 108.589



94, 40.927, 158.589



94, 40.927, 288.589



94, 40.927, 338.589

Sweetspot

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



94, 40.929, 108.592



99, 12.913, 110.724



75, 31.521, 24.795



53, 8.808, 110.595



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

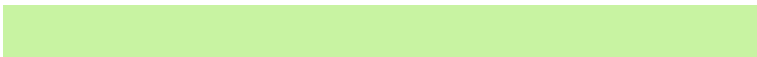
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 40.929, 108.592



98, 50.719, 107.992



91, 44.367, 128.674



51, 7.101, 110.773



73, 76.587, 105.148



23, 33.193, 105.235

Inverse Universe

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



70, 44.482, 295.614



67, 56.312, 296.704



73, 46.348, 311.812



47, 7.261, 292.566



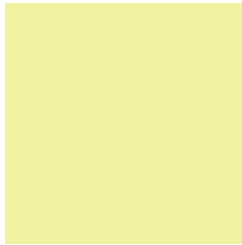
22, 105.446, 306.396



3, 40.008, 300.628

Previews

White Background



This preview shows how the CIELCh color 94, 40.927, 108.589 looks on a white background.

Color Contrast Check

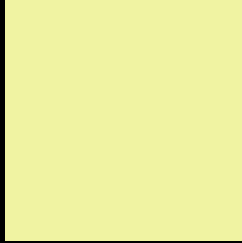
Large Text (above 18pt) WCAG AA × Fail

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, 40.927, 108.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

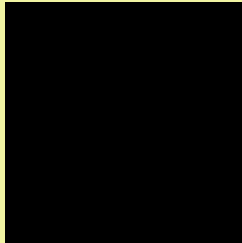
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

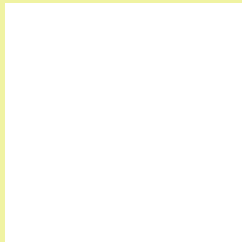
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 40.927, 108.589

Background



This preview shows how black text looks on a background with the CIELCh color 94, 40.927, 108.589.

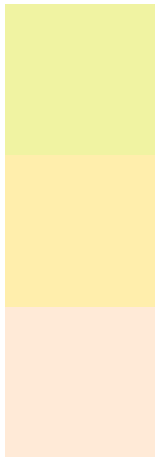


This preview shows how white text looks on a background with the CIELCh color 94, 40.927, 108.589.

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, 40.927, 108.589

Protanopia

94, 34.284, 96.239

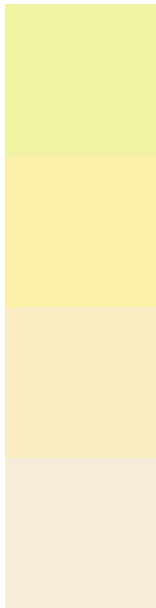
Deuteranopia

94, 12.495, 70.745



Tritanopia
94, 11.473, 326.283

Trichromacy



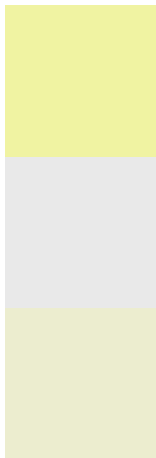
Original Color
94, 40.927, 108.589

Protanomaly
94, 36.760, 101.115

Deuteranomaly
94, 21.563, 95.235

Tritanomaly
94, 10.068, 85.742

Monochromacy



Original Color
94, 40.927, 108.589

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 15.395, 110.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 40.927, 108.589 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 40.927, 108.589 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, 162) }
```

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

```
.border{ border-color:rgb(240, 243, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 243, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 243, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 243,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 40.927, 108.589 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, 162) }
```

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

```
.background{ background-color: rgb(240,  
243, 162) }
```

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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