

Converting Colors

CIELCh(94, 78.871, 111.312)

Have a look what the booklet for
CIELCh(94, 78.871, 111.312)
contains.

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Color

CIELCh(94, 78.890, 111.293)

Conversions

Conversions Part 1

Format	Color
Hex	E2FA54
RGB	226, 250, 84
RGB Percent	89%, 98%, 33%
CMY	0.1133, 0.0191, 0.6701
CMYK	0.10, 0.00, 0.66, 0.02
HSL	69°, 94%, 66%
HSV	69°, 66%, 98%
XYZ	67.2268, 85.2715, 21.3272
YIQ	223.9000, 38.9820, -56.7140

Conversions

Conversions Part 2

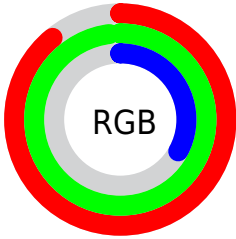
Format	Color
RYB	84, 250, 108
Decimal	14875220
CIELab	94.00, -28.65, 73.50
CIElCh	94, 78.890, 111.293
Yxy	85.2715, 0.3867, 0.4906
Android (android.graphics.Color)	4293065300 (0xFFE2FA54)
YUV	223.9000, -68.9707, 1.8417
Hunter-Lab	92.3426, -31.6489, 50.9463

Details

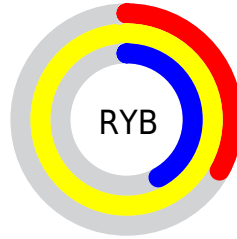
The CIELCh color **94, 78.890, 111.293** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 95.816, 303.744**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 56.312, 105.868**, and **74, 79.031, 111.466** is the 20% darker color. If you saturate the color by 10%, you get **94, 87.111, 111.049**, and if you desaturate by 10%, it is **94, 68.923, 111.765**.

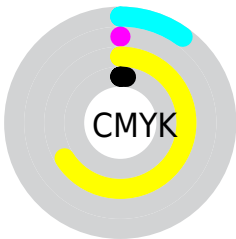
Distribution



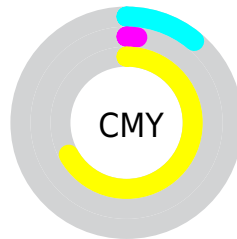
- Red (89%)
- Green (98%)
- Blue (33%)



- Red (33%)
- Yellow (98%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (66%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 78.890, 111.293 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, 78.890, 111.293 by changing the saturation by 10% instead.


 94, 78.890,
111.293

 94, 78.890,
111.293

 100, 78.890,
111.293


 84, 78.890,
111.293

 74, 78.890,
111.293

 64, 78.890,
111.293

 54, 78.890,
111.293

 44, 78.890,
111.293

 34, 78.890,
111.293

 24, 78.890,

111.293

■ 14, 78.890,
111.293

■ 4, 78.890, 111.293

■ 94, 78.890,
111.293

■ 94, 78.890,
111.293

■ 94, 87.111,
111.049

■ 94, 68.923,
111.765

■ 93, 92.986,
111.108

■ 95, 57.775,
112.382

■ 93, 96.186,
111.528

■ 96, 45.876,
113.088

■ 93, 96.917,
111.738

■ 96, 33.521,
113.840

97, 20.901,
114.607

98, 8.144, 115.370

99, 2.544, 300.736

99, 3.039, 324.446

Harmonies

Complementary

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



94, 78.890, 111.293



48, 95.816, 303.744

Rectangle

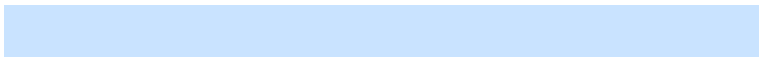
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 78.890, 111.293



94, 78.890, 161.293



94, 78.890, 291.293



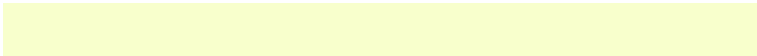
94, 78.890, 341.293

Sweetspot

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



94, 78.891, 111.295



98, 25.909, 114.327



63, 66.841, 36.657



52, 17.654, 114.110



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, 78.891, 111.295



95, 90.916, 111.031



89, 88.684, 130.591



52, 7.264, 115.133



72, 78.388, 111.594



24, 34.693, 110.942

Inverse Universe

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



48, 95.816, 303.744



40, 116.564, 305.599



56, 94.319, 316.211



48, 7.423, 296.607



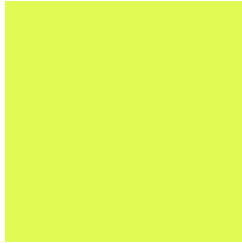
23, 105.759, 306.846



4, 42.425, 303.851

Previews

White Background



This preview shows how the CIELCh color 94, 78.890, 111.293 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, 78.890, 111.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

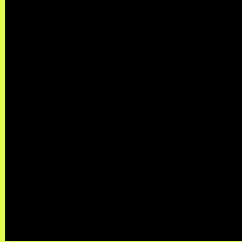
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 78.890, 111.293

Background



This preview shows how black text looks on a background with the CIELCh color 94, 78.890, 111.293.

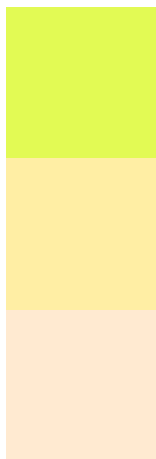


This preview shows how white text looks on a background with the CIELCh color 94, 78.890, 111.293.

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

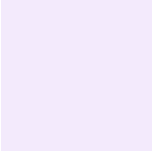
94, 78.890, 111.293

Protanopia

94, 38.218, 96.993

Deuteranopia

94, 15.069, 77.641

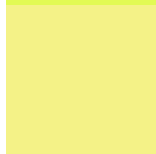


Tritanopia
94, 9.836, 309.373

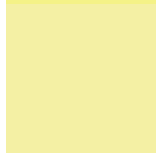
Trichromacy



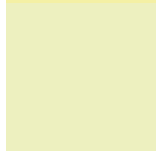
Original Color
94, 78.890, 111.293



Protanomaly
94, 53.435, 105.056



Deuteranomaly
94, 38.556, 104.757

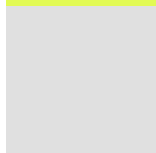


Tritanomaly
93, 25.043, 110.795

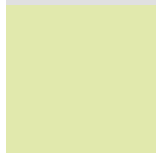
Monochromacy



Original Color
94, 78.890, 111.293



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 30.891, 113.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 78.890, 111.293 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(226, 250, 84)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 84)  
}
```

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(226, 250, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 78.890, 111.293 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(226, 250, 84) }
```

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

```
.border{ border-color:rgb(226, 250, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 84);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 78.890, 111.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 84) }
```

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

```
.background{ background-color: rgb(226,  
250, 84) }
```

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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