

Converting Colors

CIELCh(94, 75.437, 111.228)

Have a look what the booklet for
CIELCh(94, 75.437, 111.228)
contains.

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Color

CIELCh(94, 75.437, 111.228)

Conversions

Conversions Part 1

Format	Color
Hex	E4FA5D
RGB	228, 250, 93
RGB Percent	89%, 98%, 36%
CMY	0.1078, 0.0215, 0.6371
CMYK	0.09, 0.00, 0.63, 0.02
HSL	68°, 93%, 67%
HSV	68°, 63%, 98%
XYZ	67.8324, 85.2715, 23.1309
YIQ	225.5240, 37.2850, -53.4910

Conversions

Conversions Part 2

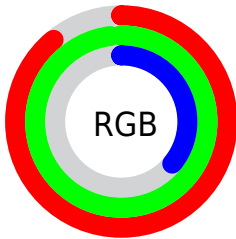
Format	Color
R_{YB}	93, 250, 115
Decimal	15006301
CIE Lab	94.00, -27.31, 70.32
CIE LCh	94, 75.437, 111.228
Yxy	85.2715, 0.3849, 0.4839
Android (android.graphics.Color)	4293196381 (0xFFE4FA5D)
YUV	225.5240, -65.3343, 2.1715
Hunter-Lab	92.3426, -30.4783, 49.7882

Details

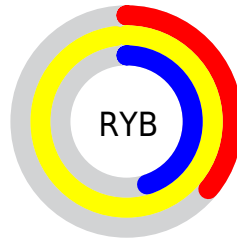
The CIELCh color **94, 75.437, 111.228** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 90.433, 303.131**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **74, 75.624, 111.462** is the 20% darker color. If you saturate the color by 10%, you get **94, 84.307, 110.888**, and if you desaturate by 10%, it is **94, 65.032, 111.766**.

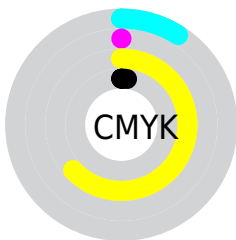
Distribution



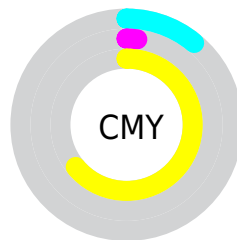
- Red (89%)
- Green (98%)
- Blue (36%)



- Red (36%)
- Yellow (98%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (63%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 75.437, 111.228 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, 75.437, 111.228 by changing the saturation by 10% instead.

 94, 75.437,
111.228

 94, 75.437,
111.228

 100, 75.437,
111.228

 84, 75.437,
111.228

 74, 75.437,
111.228

 64, 75.437,
111.228

 54, 75.437,
111.228

 44, 75.437,
111.228

 34, 75.437,
111.228

 24, 75.437,

111.228

■ 14, 75.437,
111.228

■ 4, 75.437, 111.228

■ 94, 75.437,
111.228

■ 94, 75.437,
111.228

■ 94, 84.307,
110.888

■ 94, 65.032,
111.766

■ 93, 91.029,
110.822

■ 95, 53.612,
112.425

■ 93, 95.138,
111.099

■ 96, 41.557,
113.157

■ 93, 96.665,
111.483

■ 96, 29.121,
113.923

■ 97, 16.472,
114.696

■ 98, 3.717, 115.457

■ 98, 2.939, 307.475

■ 99, 3.406, 324.470

Harmonies

Complementary

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



94, 75.437, 111.228



50, 90.433, 303.131

Rectangle

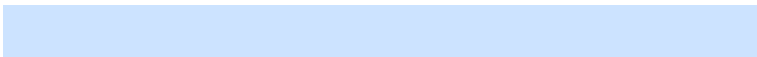
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 75.437, 111.228



94, 75.437, 161.228



94, 75.437, 291.228



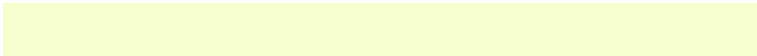
94, 75.437, 341.228

Sweetspot

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



94, 75.438, 111.230



98, 24.614, 114.224



64, 62.592, 36.108



52, 16.920, 114.002



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, 75.438, 111.230



95, 87.392, 110.848



90, 84.687, 130.675



52, 7.262, 114.959



72, 78.326, 111.343



24, 34.673, 110.714

Inverse Universe

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



50, 90.433, 303.131



43, 110.009, 304.915



58, 89.861, 316.147



48, 7.421, 296.445



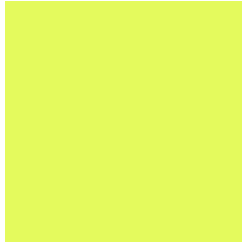
23, 105.802, 306.820



4, 42.414, 303.766

Previews

White Background



This preview shows how the CIELCh color 94, 75.437, 111.228 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, 75.437, 111.228 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, 75.437, 111.228

Background



This preview shows how black text looks on a background with the CIELCh color 94, 75.437, 111.228.

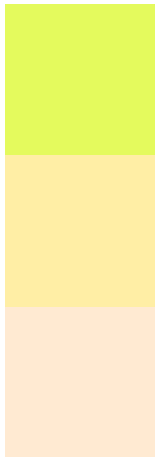


This preview shows how white text looks on a background with the CIELCh color 94, 75.437, 111.228.

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](#).

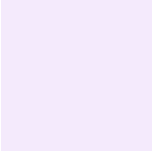
Dichromacy



Original Color
94, 75.437, 111.228

Protanopia
94, 37.728, 96.912

Deuteranopia
94, 14.627, 76.668

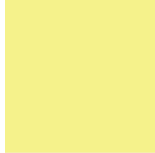


Tritanopia
94, 9.955, 311.275

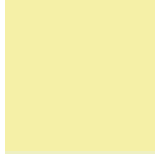
Trichromacy



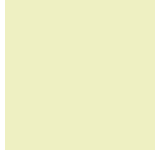
Original Color
94, 75.437, 111.228



Protanomaly
94, 51.563, 104.729



Deuteranomaly
94, 37.091, 104.184

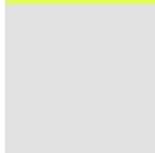


Tritanomaly
94, 23.507, 110.156

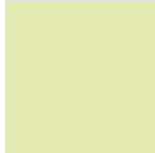
Monochromacy



Original Color
94, 75.437, 111.228



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 29.362, 113.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 75.437, 111.228 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(228, 250, 93)` looks like.

```
.text, #text, p{  
    color:rgb(228, 250, 93)  
}
```

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(228, 250, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 250, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 75.437, 111.228 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(228, 250, 93) }
```

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

```
.border{ border-color:rgb(228, 250, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 250, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 250, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 250, 93);  
box-shadow:4px 4px 4px 4px rgb(228, 250,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 75.437, 111.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 250, 93) }
```

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

```
.background{ background-color: rgb(228,  
250, 93) }
```

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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