

Converting Colors

CIELCh(94, 41.580, 117.170)

Have a look what the booklet for
CIELCh(94, 41.580, 117.170)
contains.

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Color

CIELCh(94, 41.552, 117.179)

Conversions

Conversions Part 1

Format	Color
Hex	E3F6A5
RGB	227, 246, 165
RGB Percent	89%, 96%, 65%
CMY	0.1083, 0.0337, 0.3515
CMYK	0.08, 0.00, 0.33, 0.03
HSL	74°, 82%, 81%
HSV	74°, 33%, 97%
XYZ	71.6994, 85.2715, 48.4520
YIQ	231.0850, 14.6770, -29.2190

Conversions

Conversions Part 2

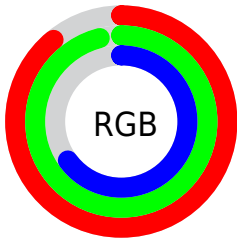
Format	Color
R_{YB}	165, 246, 184
Decimal	14939813
CIE _{Lab}	94.00, -18.98, 36.96
CIE _{LCh}	94, 41.552, 117.179
Yxy	85.2715, 0.3490, 0.4151
Android (android.graphics.Color)	4293129893 (0xFFE3F6A5)
YUV	231.0850, -32.5799, -3.5825
Hunter-Lab	92.3426, -23.0033, 33.5304

Details

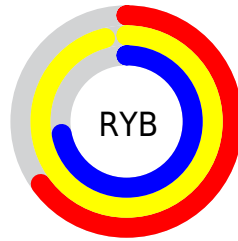
The CIELCh color **94, 41.552, 117.179** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 44.699, 301.947**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **74, 41.768, 117.095** is the 20% darker color. If you saturate the color by 10%, you get **93, 53.657, 116.564**, and if you desaturate by 10%, it is **95, 29.089, 117.834**.

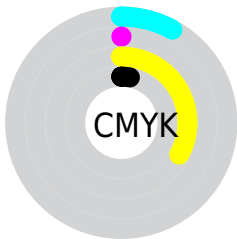
Distribution



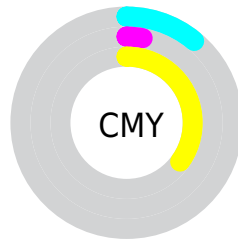
- Red (89%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (3%)





- Cyan (11%)
- Magenta (3%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 41.552, 117.179 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, 41.552, 117.179 by changing the saturation by 10% instead.


 94, 41.552,
117.179


 94, 41.552,
117.179


 100, 41.552,
117.179


 84, 41.552,
117.179

 74, 41.552,
117.179

 64, 41.552,
117.179

 54, 41.552,
117.179

 44, 41.552,
117.179

 34, 41.552,
117.179

 24, 41.552,

117.179

■ 14, 41.552,
117.179

■ 4, 41.552, 117.179

■ 94, 41.552,
117.179

■ 94, 41.552,
117.179

■ 93, 53.657,
116.564

■ 95, 29.089,
117.834

■ 93, 65.150,
116.024

■ 96, 16.425,
118.493

■ 92, 75.667,
115.623

■ 97, 3.673, 119.146

■ 91, 84.699,
115.445

■ 98, 4.650, 308.414

■ 98, 5.358, 324.571

■ 91, 91.653,
115.594

■ 91, 96.066,
116.159

■ 90, 97.854,
116.789

Harmonies

Complementary

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



94, 41.552, 117.179



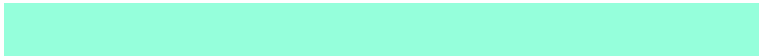
72, 44.699, 301.947

Rectangle

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



94, 41.552, 117.179



94, 41.552, 167.179



94, 41.552, 297.179



94, 41.552, 347.179

Sweetspot

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



94, 41.554, 117.181



99, 13.112, 118.681



80, 27.129, 42.614



53, 8.944, 118.589



0, 0.000, 0.000



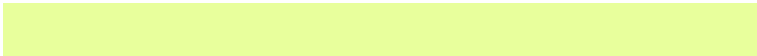
53, 0.007, 296.813

Same Dimension

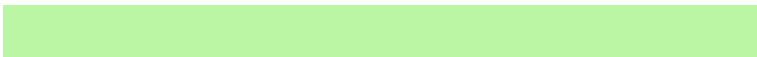
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 41.554, 117.181



96, 50.391, 116.793



91, 46.906, 135.122



51, 7.209, 118.716



70, 79.195, 116.574



22, 33.998, 115.643

Inverse Universe

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



72, 44.699, 301.947



70, 55.112, 302.573



76, 47.916, 318.204



47, 7.357, 299.958



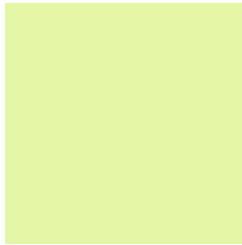
24, 103.572, 307.572



4, 40.619, 305.032

Previews

White Background



This preview shows how the CIELCh color 94, 41.552, 117.179 looks on a white background.

Color Contrast Check

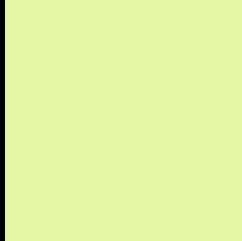
Large Text (above 18pt) WCAG AA × Fail

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, 41.552, 117.179 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, 41.552, 117.179

Background



This preview shows how black text looks on a background with the CIELCh color 94, 41.552, 117.179.

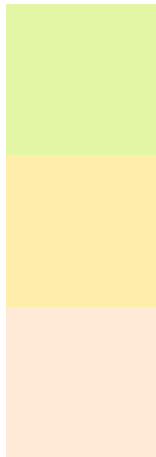


This preview shows how white text looks on a background with the CIELCh color 94, 41.552, 117.179.

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, 41.552, 117.179

Protanopia

94, 33.901, 95.456

Deuteranopia

94, 12.495, 70.745

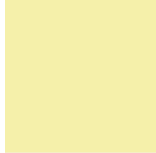


Tritanopia
94, 9.917, 298.917

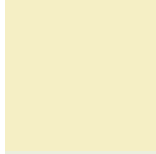
Trichromacy



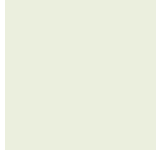
Original Color
94, 41.552, 117.179



Protanomaly
94, 35.601, 104.188

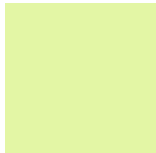


Deuteranomaly
94, 21.584, 102.429

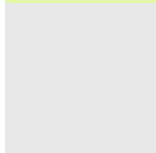


Tritanomaly
94, 8.850, 118.899

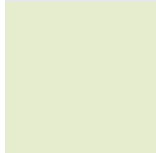
Monochromacy



Original Color
94, 41.552, 117.179



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 15.634, 118.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 41.552, 117.179 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(227, 246, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 246, 165)  
}
```

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(227, 246, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 246, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 41.552, 117.179 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(227, 246, 165) }
```

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

```
.border{ border-color:rgb(227, 246, 165) }
```

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

Here you see how a box with a 4 pixel rgb(227, 246, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 246, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 246, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 246,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 41.552, 117.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 246, 165) }
```

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

```
.background{ background-color: rgb(227,  
246, 165) }
```

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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