

Converting Colors

CIELCh(94, 39.303, 96.556)

Have a look what the booklet for
CIELCh(94, 39.303, 96.556) contains.

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Color

CIELCh(94, 39.198, 97.148)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEA2
RGB	255, 238, 162
RGB Percent	100%, 93%, 64%
CMY	0.0000, 0.0654, 0.3635
CMYK	0.00, 0.07, 0.36, 0.00
HSL	49°, 100%, 82%
HSV	49°, 36%, 100%
XYZ	78.5724, 85.2715, 46.6385
YIQ	234.4190, 34.5280, -20.0320

Conversions

Conversions Part 2

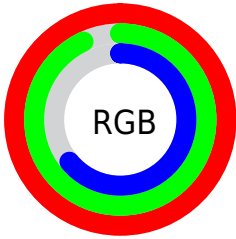
Format	Color
R _Y B	183, 255, 162
Decimal	16772770
CIE Lab	94.00, -4.88, 38.89
CIE LCh	94, 39.198, 97.148
Yxy	85.2715, 0.3733, 0.4051
Android (android.graphics.Color)	4294962850 (0xFFFFEEA2)
YUV	234.4190, -35.7026, 18.0495
Hunter-Lab	92.3426, -9.7175, 34.6949

Details

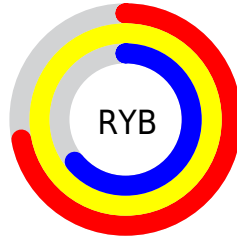
The CIELCh color **94, 39.198, 97.148** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 41.252, 287.001**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **74, 39.262, 97.002** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.752, 96.124**, and if you desaturate by 10%, it is **96, 28.411, 98.538**.

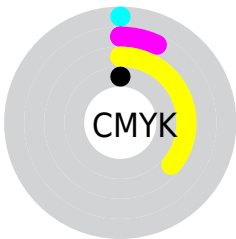
Distribution



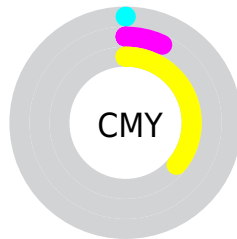
- Red (100%)
- Green (93%)
- Blue (64%)



- Red (72%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 39.198, 97.148 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, 39.198, 97.148 by changing the saturation by 10% instead.

94, 39.198, 97.148

94, 39.198, 97.148

100, 39.198,
97.148

84, 39.198, 97.148

74, 39.198, 97.148

64, 39.198, 97.148

54, 39.198, 97.148

44, 39.198, 97.148

34, 39.198, 97.148

24, 39.198, 97.148

14, 39.198, 97.148

4, 39.198, 97.148

94, 39.198, 97.148

94, 39.198, 97.148

92, 49.752, 96.124

96, 28.411, 98.538

91, 59.903, 94.902

97, 17.596, 99.713

90, 69.232, 93.678

99, 6.808, 100.845

88, 77.132, 92.444

100, 0.012,
296.813

87, 82.813, 91.173

86, 85.598, 89.809

85, 86.113, 89.291

Harmonies

Complementary

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



94, 39.198, 97.148



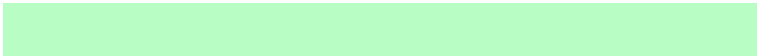
74, 41.252, 287.001

Rectangle

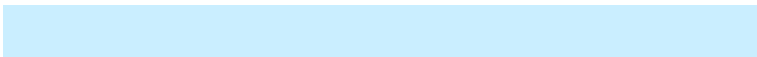
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 39.198, 97.148



94, 39.198, 147.148



94, 39.198, 277.148



94, 39.198, 327.148

Sweetspot

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



94, 39.176, 97.338



98, 11.814, 100.327



76, 36.862, 8.904



52, 7.942, 100.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

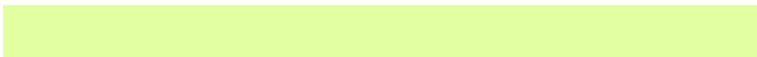
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 39.176, 97.338



93, 47.290, 96.410



96, 47.750, 120.352



52, 6.102, 100.496



66, 69.465, 89.557



22, 30.913, 91.433

Inverse Universe

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



74, 41.252, 287.001



69, 50.596, 288.587



72, 51.436, 304.944



49, 6.182, 282.729



27, 96.439, 303.122



6, 38.369, 298.169

Previews

White Background



This preview shows how the CIE LCh color 94, 39.198, 97.148 looks on a white background.

Color Contrast Check

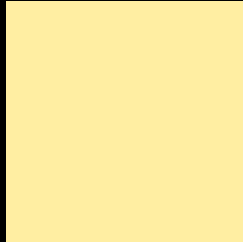
Large Text (above 18pt) WCAG AA × Fail

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, 39.198, 97.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

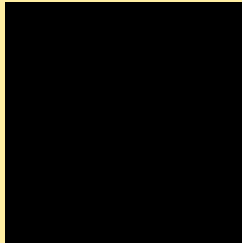
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 39.198, 97.148

Background



This preview shows how black text looks on a background with the CIELCh color 94, 39.198, 97.148.

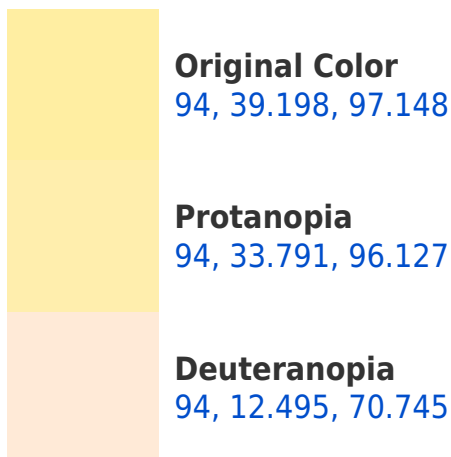



This preview shows how white text looks on a background with the CIELCh color 94, 39.198, 97.148.

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](#).

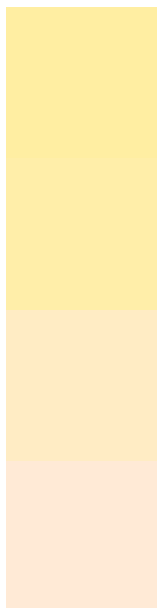
Dichromacy





Tritanopia
94, 9.975, 345.565

Trichromacy



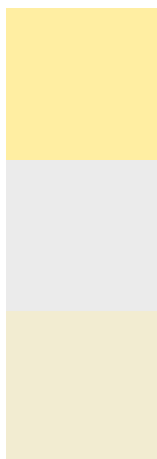
Original Color
94, 39.198, 97.148

Protanomaly
94, 35.762, 96.550

Deuteranomaly
94, 21.752, 89.052

Tritanomaly
94, 12.909, 72.090

Monochromacy



Original Color
94, 39.198, 97.148

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 14.024, 99.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 39.198, 97.148 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(255, 238, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 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(255, 238, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 39.198, 97.148 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(255, 238, 162) }
```

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

```
.border{ border-color:rgb(255, 238, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 39.198, 97.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 162) }
```

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

```
.background{ background-color: rgb(255,  
238, 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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