

Converting Colors

CIELCh(100, 68.232, 75.846)

Have a look what the booklet for
CIELCh(100, 68.232, 75.846)
contains.

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Color

CIELCh(94, 58.484, 99.469)

Conversions

Conversions Part 1

Format	Color
Hex	FFF07B
RGB	255, 240, 123
RGB Percent	100%, 94%, 48%
CMY	0.0000, 0.0575, 0.5164
CMYK	0.00, 0.06, 0.52, 0.00
HSL	53°, 100%, 74%
HSV	53°, 52%, 100%
XYZ	76.2135, 85.2715, 31.2807
YIQ	231.1470, 46.4970, -33.2070

Conversions

Conversions Part 2

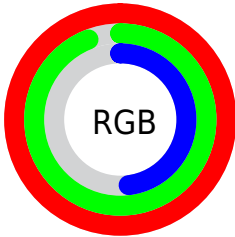
Format	Color
R_{YB}	140, 255, 123
Decimal	16773243
CIE _{Lab}	94.00, -9.62, 57.69
CIE _{LCh}	94, 58.484, 99.469
Yxy	85.2715, 0.3954, 0.4424
Android (android.graphics.Color)	4294963323 (0xFFFFF07B)
YUV	231.1470, -53.3165, 20.9191
Hunter-Lab	92.3426, -14.2774, 44.5556

Details

The CIELCh color **94, 58.484, 99.469** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 65.565, 293.603**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **74, 58.207, 99.320** is the 20% darker color. If you saturate the color by 10%, you get **93, 68.515, 98.547**, and if you desaturate by 10%, it is **95, 47.654, 100.700**.

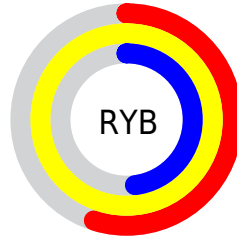
Distribution



Red (100%)

Green (94%)

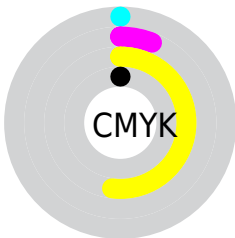
Blue (48%)



Red (55%)

Yellow (100%)

Blue (48%)

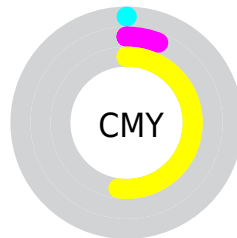


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 58.484, 99.469 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, 58.484, 99.469 by changing the saturation by 10% instead.

 94, 58.484, 99.469

 94, 58.484, 99.469

 100, 58.484,
99.469

 84, 58.484, 99.469

 74, 58.484, 99.469

 64, 58.484, 99.469

 54, 58.484, 99.469

 44, 58.484, 99.469

 34, 58.484, 99.469

 24, 58.484, 99.469

 14, 58.484, 99.469

 4, 58.484, 99.469

94, 58.484, 99.469

94, 58.484, 99.469

93, 68.515, 98.547

95, 47.654,
100.700

92, 77.271, 97.534

96, 36.416,
101.806

91, 84.041, 96.582

90, 88.137, 95.686

97, 24.964,
102.910

90, 89.545, 94.960

98, 13.429,
103.997

100, 1.884,
105.002

100, 0.012,
296.813

Harmonies

Complementary

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



94, 58.484, 99.469



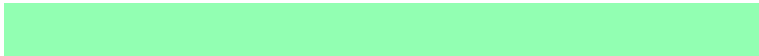
61, 65.565, 293.603

Rectangle

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



94, 58.484, 99.469



94, 58.484, 149.469



94, 58.484, 279.469



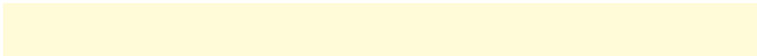
94, 58.484, 329.469

Sweetspot

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



94, 58.468, 99.608



98, 17.303, 103.635



68, 53.801, 17.057



52, 11.806, 103.406



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

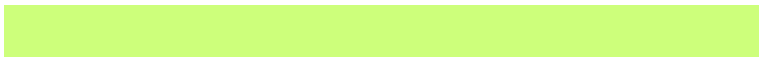
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 58.468, 99.608



93, 68.852, 98.510



94, 67.547, 122.295



53, 6.554, 104.225



69, 72.211, 95.109



24, 32.559, 96.305

Inverse Universe

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



61, 65.565, 293.603



54, 80.288, 296.135



62, 74.751, 308.223



49, 6.668, 286.330



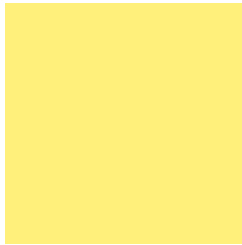
25, 102.119, 304.783



5, 40.584, 299.725

Previews

White Background



This preview shows how the CIELCh color 94, 58.484, 99.469 looks on a white background.

Color Contrast Check

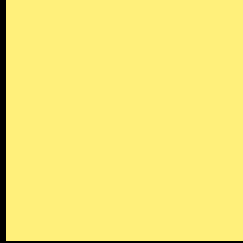
Large Text (above 18pt) WCAG AA × Fail

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, 58.484, 99.469 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, 58.484, 99.469

Background



This preview shows how black text looks on a background with the CIELCh color 94, 58.484, 99.469.

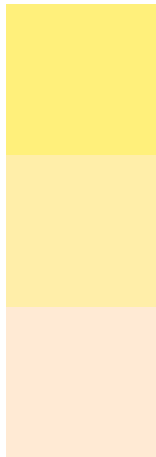


This preview shows how white text looks on a background with the CIELCh color 94, 58.484, 99.469.

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, 58.484, 99.469

Protanopia

94, 35.762, 96.550

Deuteranopia

94, 13.756, 74.527

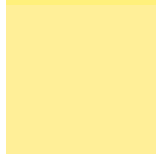


Tritanopia
94, 9.699, 348.074

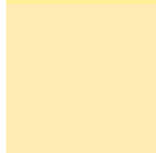
Trichromacy



Original Color
94, 58.484, 99.469



Protanomaly
94, 44.456, 98.344



Deuteranomaly
94, 29.587, 93.375

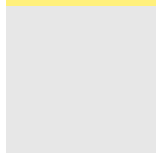


Tritanomaly
94, 19.984, 86.320

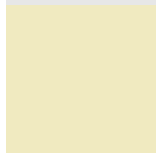
Monochromacy



Original Color
94, 58.484, 99.469



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 21.668, 102.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 58.484, 99.469 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, 240, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 123)  
}
```

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, 240, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 58.484, 99.469 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, 240, 123) }
```

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

```
.border{ border-color:rgb(255, 240, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 58.484, 99.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 123) }
```

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

```
.background{ background-color: rgb(255,  
240, 123) }
```

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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