

Converting Colors

CIELCh(100, 58.747, 73.092)

Have a look what the booklet for
CIELCh(100, 58.747, 73.092)
contains.

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Color

CIELCh(94, 48.213, 99.134)

Conversions

Conversions Part 1

Format	Color
Hex	FFF091
RGB	255, 240, 145
RGB Percent	100%, 94%, 57%
CMY	0.0018, 0.0605, 0.4330
CMYK	0.00, 0.06, 0.43, 0.00
HSL	52°, 99%, 78%
HSV	52°, 43%, 100%
XYZ	77.1862, 85.2715, 39.0145
YIQ	233.6550, 39.4350, -26.3650

Conversions

Conversions Part 2

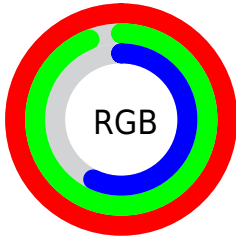
Format	Color
R _Y B	162, 255, 145
Decimal	16773265
CIE Lab	94.00, -7.65, 47.60
CIE LCh	94, 48.213, 99.134
Yxy	85.2715, 0.3831, 0.4232
Android (android.graphics.Color)	4294963345 (0xFFFFF091)
YUV	233.6550, -43.7069, 18.7196
Hunter-Lab	92.3426, -12.3971, 39.5899

Details

The CIELCh color **94, 48.213, 99.134** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 52.269, 290.601**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **74, 48.368, 98.806** is the 20% darker color. If you saturate the color by 10%, you get **93, 58.768, 98.001**, and if you desaturate by 10%, it is **95, 37.240, 100.281**.

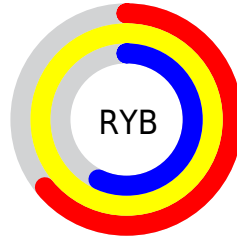
Distribution



Red (100%)

Green (94%)

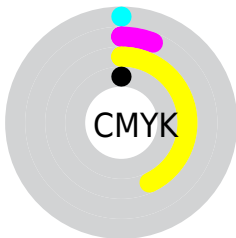
Blue (57%)



Red (64%)

Yellow (100%)

Blue (57%)

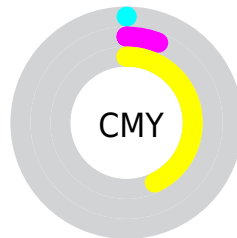


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 48.213, 99.134 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, 48.213, 99.134 by changing the saturation by 10% instead.

 94, 48.213, 99.134

 94, 48.213, 99.134

 100, 48.213,
99.134

 84, 48.213, 99.134

 74, 48.213, 99.134

 64, 48.213, 99.134

 54, 48.213, 99.134

 44, 48.213, 99.134

 34, 48.213, 99.134

 24, 48.213, 99.134

 14, 48.213, 99.134

 4, 48.213, 99.134

94, 48.213, 99.134

94, 48.213, 99.134

93, 58.768, 98.001

95, 37.240,
100.281

92, 68.543, 96.885

97, 26.064,
101.418

91, 76.993, 95.799

90, 83.391, 94.744

98, 14.817,
102.535

89, 87.044, 93.699

99, 3.573, 103.598

88, 88.074, 92.979

100, 0.156,
203.637

Harmonies

Complementary

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



94, 48.213, 99.134



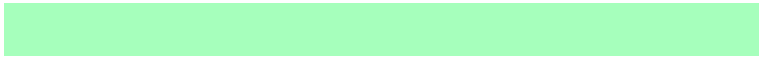
68, 52.269, 290.601

Rectangle

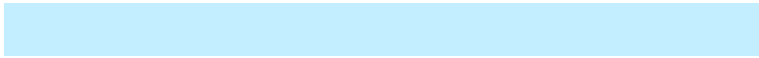
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 48.213, 99.134



94, 48.213, 149.134



94, 48.213, 279.134



94, 48.213, 329.134

Sweetspot

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



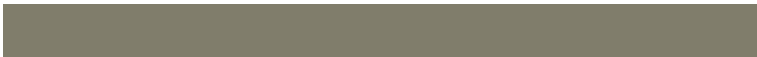
94, 48.214, 99.137



98, 14.618, 102.556



72, 44.204, 12.685



52, 10.232, 102.312



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

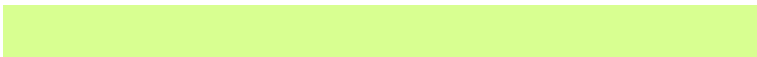
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 48.214, 99.137



93, 57.621, 98.135



95, 56.653, 121.339



53, 6.388, 102.938



68, 71.132, 93.167



23, 31.943, 94.613

Inverse Universe

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



68, 52.269, 290.601



62, 64.090, 292.571



68, 61.783, 306.563



49, 6.489, 285.089



25, 100.274, 304.262



5, 39.794, 299.197

Previews

White Background



This preview shows how the CIELCh color 94, 48.213, 99.134 looks on a white background.

Color Contrast Check

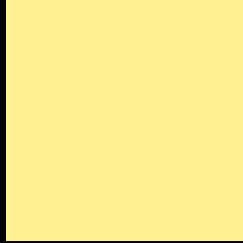
Large Text (above 18pt) WCAG AA × Fail

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, 48.213, 99.134 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, 48.213, 99.134

Background



This preview shows how black text looks on a background with the CIELCh color 94, 48.213, 99.134.



This preview shows how white text looks on a background with the CIELCh color 94, 48.213, 99.134.

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, 48.213, 99.134

Protanopia

94, 34.777, 96.347

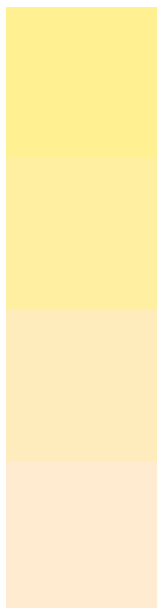
Deuteranopia

94, 12.909, 72.090



Tritanopia
94, 9.699, 348.074

Trichromacy



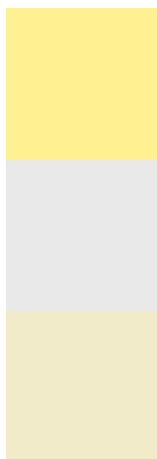
Original Color
94, 48.213, 99.134

Protanomaly
94, 40.077, 97.871

Deuteranomaly
94, 25.166, 91.328

Tritanomaly
94, 16.224, 81.410

Monochromacy



Original Color
94, 48.213, 99.134

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 17.589, 101.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 48.213, 99.134 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 48.213, 99.134 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, 145) }
```

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

```
.border{ border-color:rgb(255, 240, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 48.213, 99.134 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
240, 145) }
```

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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