

Converting Colors

CIELCh(94, 55.329, 100.086)

Have a look what the booklet for
CIELCh(94, 55.329, 100.086)
contains.

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Color

CIELCh(94, 55.225, 99.831)

Conversions

Conversions Part 1

Format	Color
Hex	FEF082
RGB	254, 240, 130
RGB Percent	100%, 94%, 51%
CMY	0.0026, 0.0575, 0.4890
CMYK	0.00, 0.06, 0.49, 0.00
HSL	53°, 99%, 75%
HSV	53°, 49%, 100%
XYZ	76.3081, 85.2715, 33.6664
YIQ	231.6460, 43.6540, -31.2420

Conversions

Conversions Part 2

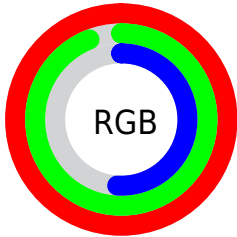
Format	Color
R _Y B	146, 254, 130
Decimal	16707714
CIE Lab	94.00, -9.43, 54.41
CIE LCh	94, 55.225, 99.831
Yxy	85.2715, 0.3908, 0.4367
Android (android.graphics.Color)	4294897794 (0xFFFEF082)
YUV	231.6460, -50.1115, 19.6045
Hunter-Lab	92.3426, -14.0945, 43.0238

Details

The CIELCh color **94, 55.225, 99.831** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **63, 61.313, 292.879**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 35.183, 107.497**, and **74, 55.149, 99.806** is the 20% darker color. If you saturate the color by 10%, you get **93, 65.510, 98.759**, and if you desaturate by 10%, it is **95, 44.295, 100.935**.

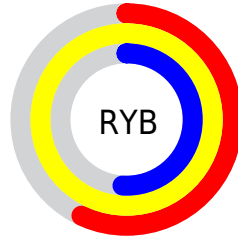
Distribution



Red (100%)

Green (94%)

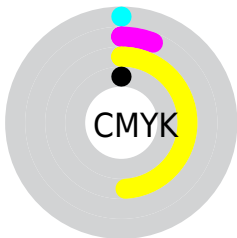
Blue (51%)



Red (57%)

Yellow (100%)

Blue (51%)

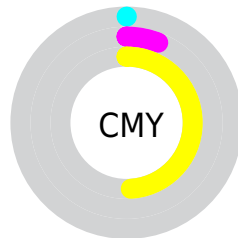


Cyan (0%)

Magenta (6%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 55.225, 99.831 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, 55.225, 99.831 by changing the saturation by 10% instead.

94, 55.225, 99.831

94, 55.225, 99.831

100, 55.225,
99.831

84, 55.225, 99.831

74, 55.225, 99.831

64, 55.225, 99.831

54, 55.225, 99.831

44, 55.225, 99.831

34, 55.225, 99.831

24, 55.225, 99.831

14, 55.225, 99.831

4, 55.225, 99.831

94, 55.225, 99.831

94, 55.225, 99.831

93, 65.510, 98.759

95, 44.295,
100.935

92, 74.680, 97.726

96, 33.015,
102.044

91, 82.085, 96.750

90, 87.000, 95.832

97, 21.569,
103.146

90, 89.112, 94.948

99, 10.066,
104.225

90, 89.284, 94.840

100, 0.202,
252.962

100, 0.226,
202.319

Harmonies

Complementary

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



94, 55.225, 99.831



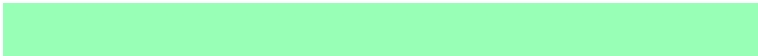
63, 61.313, 292.879

Rectangle

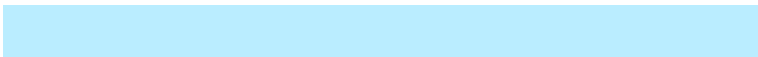
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 55.225, 99.831



94, 55.225, 149.831



94, 55.225, 279.831



94, 55.225, 329.831

Sweetspot

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



94, 55.226, 99.834



98, 17.276, 103.556



69, 50.467, 16.387



52, 11.788, 103.326



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

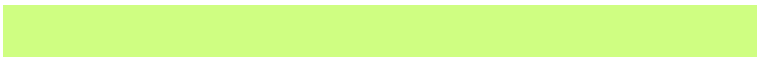
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 55.226, 99.834



93, 65.876, 98.733



94, 63.932, 122.411



53, 6.544, 104.147



69, 72.141, 94.990



24, 32.520, 96.201

Inverse Universe

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



63, 61.313, 292.879



56, 75.837, 295.310



64, 70.272, 308.011



49, 6.657, 286.254



25, 102.011, 304.753



5, 40.535, 299.693

Previews

White Background



This preview shows how the CIELCh color 94, 55.225, 99.831 looks on a white background.

Color Contrast Check

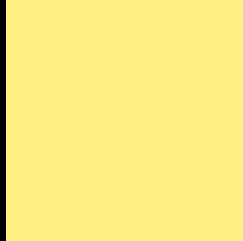
Large Text (above 18pt) WCAG AA × Fail

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, 55.225, 99.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

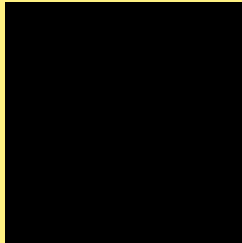
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 55.225, 99.831

Background



This preview shows how black text looks on a background with the CIELCh color 94, 55.225, 99.831.

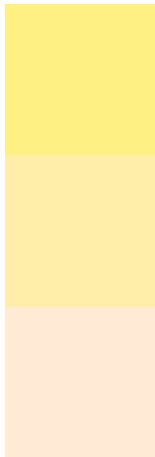


This preview shows how white text looks on a background with the CIELCh color 94, 55.225, 99.831.

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, 55.225, 99.831

Protanopia

94, 35.270, 96.451

Deuteranopia

94, 13.329, 73.349



Tritanopia
94, 9.699, 348.074

Trichromacy



Original Color
94, 55.225, 99.831



Protanomaly
94, 42.516, 98.155



Deuteranomaly
94, 28.111, 92.778

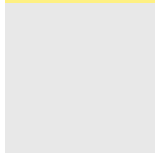


Tritanomaly
94, 19.032, 85.288

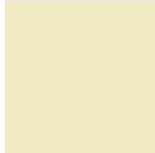
Monochromacy



Original Color
94, 55.225, 99.831



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 20.599, 103.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 55.225, 99.831 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(254, 240, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 130)  
}
```

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(254, 240, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 55.225, 99.831 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(254, 240, 130) }
```

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

```
.border{ border-color:rgb(254, 240, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 55.225, 99.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 130) }
```

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

```
.background{ background-color: rgb(254,  
240, 130) }
```

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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