

Converting Colors

CIELCh(94, 21.502, 90.985)

Have a look what the booklet for
CIELCh(94, 21.502, 90.985) contains.

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Color

CIELCh(94, 21.974, 91.334)

Conversions

Conversions Part 1

Format	Color
Hex	FEEDC4
RGB	254, 237, 196
RGB Percent	100%, 93%, 77%
CMY	0.0057, 0.0723, 0.2330
CMYK	0.00, 0.07, 0.23, 0.01
HSL	42°, 95%, 88%
HSV	42°, 23%, 99%
XYZ	80.7860, 85.2715, 64.1755
YIQ	237.4090, 23.2930, -9.1470

Conversions

Conversions Part 2

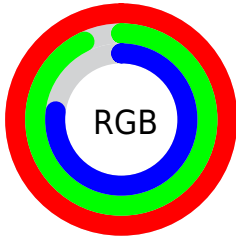
Format	Color
R _Y B	220, 254, 196
Decimal	16707012
CIE Lab	94.00, -0.51, 21.97
CIE LCh	94, 21.974, 91.334
Yxy	85.2715, 0.3509, 0.3704
Android (android.graphics.Color)	4294897092 (0xFFFEEDC4)
YUV	237.4090, -20.4146, 14.5503
Hunter-Lab	92.3426, -5.4387, 23.4349

Details

The CIELCh color **94, 21.974, 91.334** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.097, 277.517**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **74, 21.979, 90.889** is the 20% darker color. If you saturate the color by 10%, you get **92, 31.811, 90.022**, and if you desaturate by 10%, it is **96, 12.261, 92.614**.

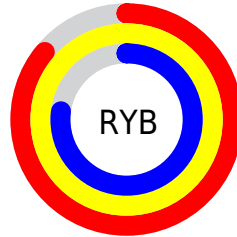
Distribution



Red (100%)

Green (93%)

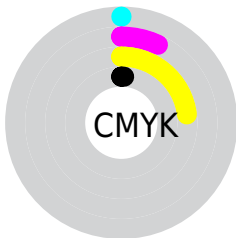
Blue (77%)



Red (86%)

Yellow (100%)

Blue (77%)

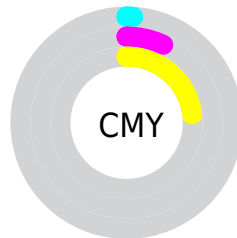


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 21.974, 91.334 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, 21.974, 91.334 by changing the saturation by 10% instead.

 94, 21.974, 91.334

 94, 21.974, 91.334

 100, 21.974,
91.334

 84, 21.974, 91.334

 74, 21.974, 91.334

 64, 21.974, 91.334

 54, 21.974, 91.334

 44, 21.974, 91.334

 34, 21.974, 91.334

 24, 21.974, 91.334

 14, 21.974, 91.334

 4, 21.974, 91.334

94, 21.974, 91.334

94, 21.974, 91.334

92, 31.811, 90.022

96, 12.261, 92.614

89, 41.694, 88.665

99, 2.699, 93.779

87, 51.481, 87.267

100, 0.501,
200.696

85, 60.902, 85.815

83, 69.480, 84.275

81, 76.462, 82.569

79, 80.918, 80.561

78, 82.501, 78.906

Harmonies

Complementary

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



94, 21.974, 91.334



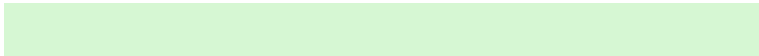
85, 22.097, 277.517

Rectangle

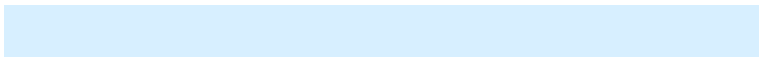
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 21.974, 91.334



94, 21.974, 141.334



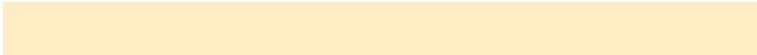
94, 21.974, 271.334



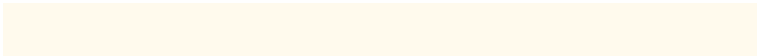
94, 21.974, 321.334

Sweetspot

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



94, 21.975, 91.341



98, 6.664, 93.328



85, 23.269, 358.362



52, 4.333, 93.257



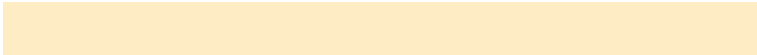
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

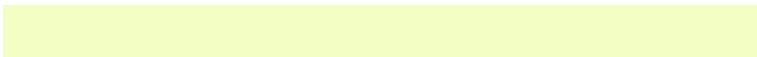
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 21.975, 91.341



94, 26.151, 90.800



97, 29.616, 116.414



52, 5.426, 93.028



60, 66.795, 79.376



20, 28.692, 82.059

Inverse Universe

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



85, 22.097, 277.517



83, 26.329, 278.247



82, 31.136, 299.817



50, 5.447, 275.474



31, 83.974, 298.779



7, 33.700, 293.926

Previews

White Background



This preview shows how the CIELCh color 94, 21.974, 91.334 looks on a white background.

Color Contrast Check

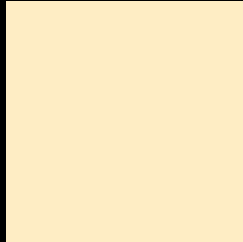
Large Text (above 18pt) WCAG AA × Fail

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, 21.974, 91.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

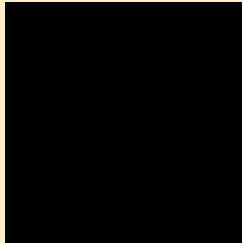
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 21.974, 91.334

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.974, 91.334.

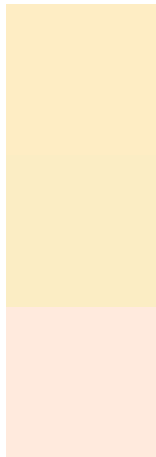


This preview shows how white text looks on a background with the CIELCh color 94, 21.974, 91.334.

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, 21.974, 91.334

Protanopia

94, 21.656, 94.247

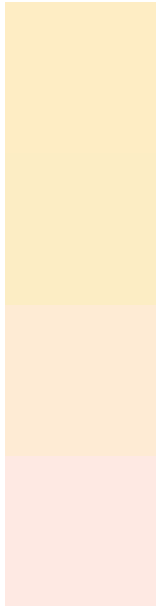
Deuteranopia

94, 10.208, 60.405



Tritanopia
94, 11.186, 340.111

Trichromacy



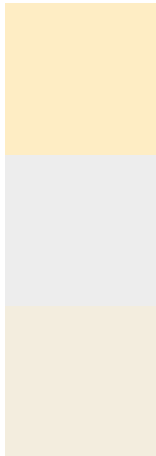
Original Color
94, 21.974, 91.334

Protanomaly
94, 21.755, 93.267

Deuteranomaly
94, 13.768, 78.249

Tritanomaly
94, 8.241, 41.698

Monochromacy



Original Color
94, 21.974, 91.334

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 7.984, 93.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.974, 91.334 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, 237, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 196)  
}
```

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, 237, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.974, 91.334 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, 237, 196) }
```

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

```
.border{ border-color:rgb(254, 237, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.974, 91.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 196) }
```

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

```
.background{ background-color: rgb(254,  
237, 196) }
```

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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