

Converting Colors

CIELCh(94, 9.097, 108.053)

Have a look what the booklet for
CIELCh(94, 9.097, 108.053) contains.

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Color

CIELCh(94, 9.224, 109.444)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFDD
RGB	239, 239, 221
RGB Percent	94%, 94%, 87%
CMY	0.0629, 0.0629, 0.1335
CMYK	0.00, 0.00, 0.08, 0.06
HSL	60°, 36%, 90%
HSV	60°, 8%, 94%
XYZ	79.4836, 85.2715, 80.6488
YIQ	236.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

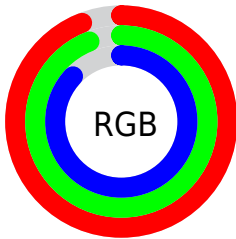
Format	Color
R_{YB}	221, 239, 221
Decimal	15724509
CIE _{Lab}	94.00, -3.07, 8.70
CIE _{LCh}	94, 9.224, 109.444
Yxy	85.2715, 0.3239, 0.3475
Android (android.graphics.Color)	4293914589 (0xFFEFEFDD)
YUV	236.9480, -7.8624, 1.7996
Hunter-Lab	92.3426, -7.9562, 12.8580

Details

The CIELCh color **94, 9.224, 109.444** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.397, 290.964**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.157, 109.289** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.426, 108.484**, and if you desaturate by 10%, it is **95, 3.038, 290.448**.

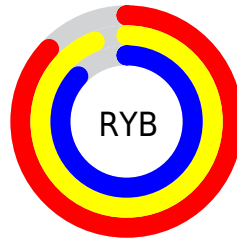
Distribution



Red (94%)

Green (94%)

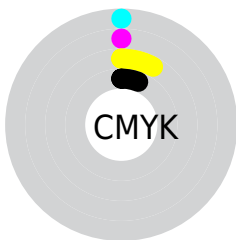
Blue (87%)



Red (87%)

Yellow (94%)

Blue (87%)

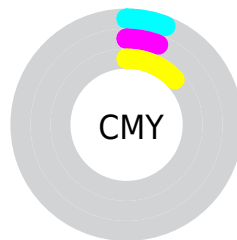


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.224, 109.444 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, 9.224, 109.444 by changing the saturation by 10% instead.

94, 9.224, 109.444

94, 9.224, 109.444

100, 9.224,
109.444

84, 9.224, 109.444

74, 9.224, 109.444

64, 9.224, 109.444

54, 9.224, 109.444

44, 9.224, 109.444

34, 9.224, 109.444

24, 9.224, 109.444

14, 9.224, 109.444

4, 9.224, 109.444

94, 9.224, 109.444

94, 9.224, 109.444

93, 21.426,
108.484

95, 3.038, 290.448

93, 33.480,
107.510

95, 8.249, 290.843

93, 45.261,
106.555

95, 8.249, 290.858

92, 56.571,
105.642

95, 8.249, 290.889

92, 67.108,
104.801

95, 8.249, 290.904

92, 76.432,
104.070

95, 8.249, 290.935

92, 83.978,
103.490

95, 8.249, 290.950

92, 89.183,
103.097

■ 92, 91.820,
102.901

Harmonies

Complementary

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



94, 9.224, 109.444



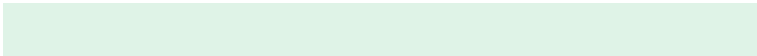
89, 9.397, 290.964

Rectangle

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



94, 9.224, 109.444



94, 9.224, 159.444



94, 9.224, 289.444



94, 9.224, 339.444

Sweetspot

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



94, 9.226, 109.454



100, 2.575, 109.966



90, 6.553, 19.783



53, 1.464, 109.974



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, 9.226, 109.454



99, 11.616, 109.310



93, 9.827, 128.750



50, 6.974, 109.267



72, 75.720, 102.869



23, 31.945, 103.322

Inverse Universe

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



89, 9.397, 290.964



93, 11.867, 291.127



89, 9.943, 309.391



46, 7.131, 291.177



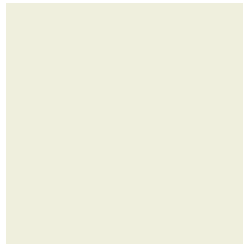
22, 104.554, 306.288



3, 37.810, 298.756

Previews

White Background



This preview shows how the CIELCh color 94, 9.224, 109.444 looks on a white background.

Color Contrast Check

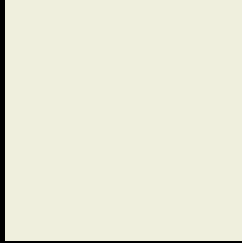
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 9.224, 109.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

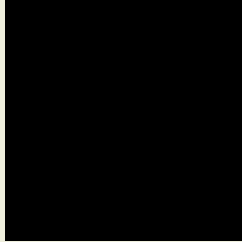
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

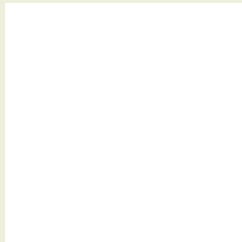
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.224, 109.444

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.224, 109.444.

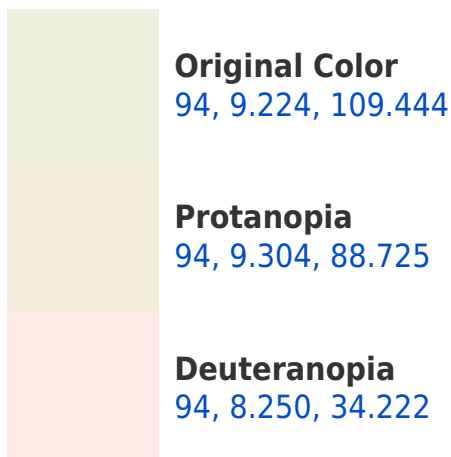


This preview shows how white text looks on a background with the CIELCh color 94, 9.224, 109.444.

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](#).

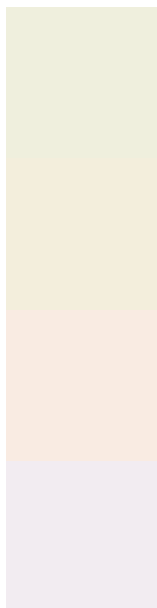
Dichromacy





Tritanopia
94, 10.438, 310.297

Trichromacy



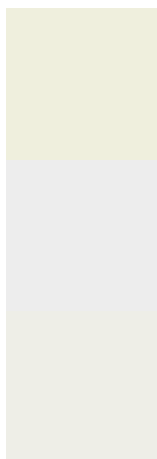
Original Color
94, 9.224, 109.444

Protanomaly
94, 9.394, 98.224

Deuteranomaly
94, 6.857, 61.843

Tritanomaly
94, 3.361, 329.439

Monochromacy



Original Color
94, 9.224, 109.444

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.586, 109.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.224, 109.444 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(239, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 221)  
}
```

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(239, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.224, 109.444 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(239, 239, 221) }
```

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

```
.border{ border-color:rgb(239, 239, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.224, 109.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 221) }
```

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

```
.background{ background-color: rgb(239,  
239, 221) }
```

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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