

Converting Colors

CIELCh(94, 8.697, 108.797)

Have a look what the booklet for
CIELCh(94, 8.697, 108.797) contains.

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Color

CIELCh(94, 8.712, 109.484)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFDE
RGB	239, 239, 222
RGB Percent	94%, 94%, 87%
CMY	0.0632, 0.0631, 0.1298
CMYK	0.00, 0.00, 0.07, 0.06
HSL	60°, 35%, 90%
HSV	60°, 7%, 94%
XYZ	79.5670, 85.2715, 81.2988
YIQ	237.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

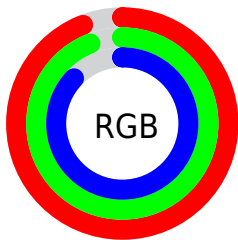
Format	Color
R_{YB}	222, 239, 222
Decimal	15724510
CIE _{Lab}	94.00, -2.91, 8.21
CIE _{LCh}	94, 8.712, 109.484
Yxy	85.2715, 0.3233, 0.3464
Android (android.graphics.Color)	4293914590 (0xFFEFEFDE)
YUV	237.0620, -7.4256, 1.6996
Hunter-Lab	92.3426, -7.7950, 12.4407

Details

The CIELCh color **94, 8.712, 109.484** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.869, 290.920**, 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, 8.619, 109.341** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.915, 108.525**, and if you desaturate by 10%, it is **95, 3.549, 290.485**.

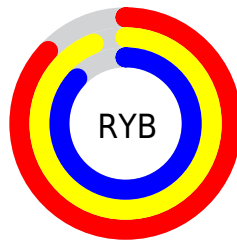
Distribution



Red (94%)

Green (94%)

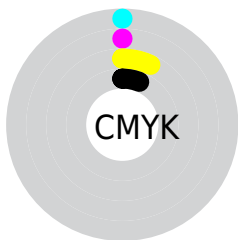
Blue (87%)



Red (87%)

Yellow (94%)

Blue (87%)

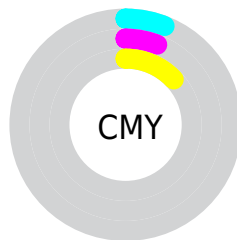


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (6%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 8.712, 109.484 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, 8.712, 109.484 by changing the saturation by 10% instead.

 94, 8.712, 109.484

 94, 8.712, 109.484

 100, 8.712,
109.484


 84, 8.712, 109.484


 74, 8.712, 109.484

 64, 8.712, 109.484

 54, 8.712, 109.484

 44, 8.712, 109.484

 34, 8.712, 109.484

 24, 8.712, 109.484

 14, 8.712, 109.484

 4, 8.712, 109.484

94, 8.712, 109.484

94, 8.712, 109.484

93, 20.915,
108.525

95, 3.549, 290.485

93, 32.975,
107.551

95, 8.283, 290.847

93, 44.768,
106.595

95, 8.283, 290.863

92, 56.100,
105.679

95, 8.283, 290.895

92, 66.675,
104.835

95, 8.283, 290.911

92, 76.058,
104.098

95, 8.283, 290.944

92, 83.689,
103.511

95, 8.283, 290.960

92, 88.999,
103.110

■ 92, 91.727,
102.908

Harmonies

Complementary

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



94, 8.712, 109.484



89, 8.869, 290.920

Rectangle

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



94, 8.712, 109.484



94, 8.712, 159.484



94, 8.712, 289.484



94, 8.712, 339.484

Sweetspot

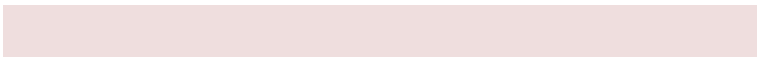
The Sweet Spot groups the original color and five complimentary colors.



94, 8.714, 109.495



100, 2.575, 109.967



90, 6.179, 19.749



53, 1.464, 109.975



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, 8.714, 109.495



99, 11.616, 109.311



93, 9.281, 128.769



50, 6.974, 109.268



72, 75.720, 102.869



23, 31.945, 103.322

Inverse Universe

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



89, 8.869, 290.920



93, 11.867, 291.128



90, 9.385, 309.371



46, 7.131, 291.177



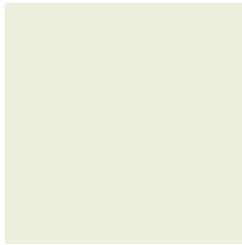
22, 104.554, 306.288



3, 37.810, 298.757

Previews

White Background



This preview shows how the CIELCh color 94, 8.712, 109.484 looks on a white background.

Color Contrast Check

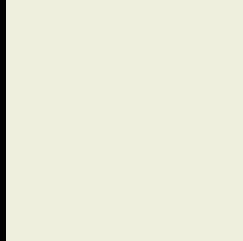
Large Text (above 18pt) WCAG AA × Fail

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, 8.712, 109.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

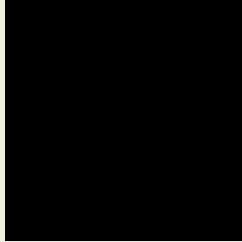
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

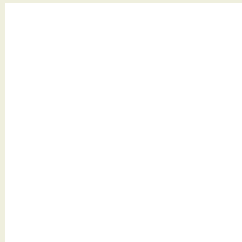
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.712, 109.484

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.712, 109.484.

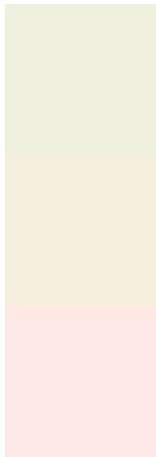


This preview shows how white text looks on a background with the CIELCh color 94, 8.712, 109.484.

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, 8.712, 109.484

Protanopia

94, 8.824, 87.614

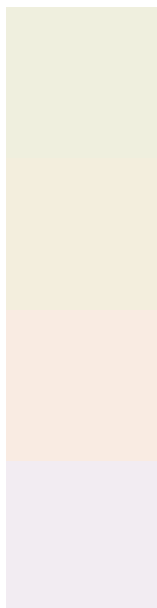
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 10.325, 308.476

Trichromacy



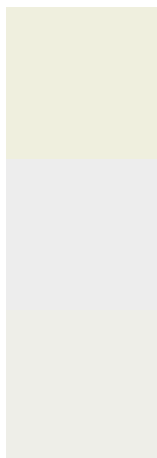
Original Color
94, 8.712, 109.484

Protanomaly
94, 8.891, 97.639

Deuteranomaly
94, 6.857, 61.843

Tritanomaly
94, 3.773, 324.500

Monochromacy



Original Color
94, 8.712, 109.484

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.072, 109.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.712, 109.484 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.712, 109.484 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, 222) }
```

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

```
.border{ border-color:rgb(239, 239, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.712, 109.484 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, 222) }
```

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

```
.background{ background-color: rgb(239,  
239, 222) }
```

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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