

Converting Colors

CIELCh(94, 9.493, 109.422)

Have a look what the booklet for
CIELCh(94, 9.493, 109.422) contains.

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Color

CIELCh(94, 9.736, 109.403)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFDC
RGB	239, 239, 220
RGB Percent	94%, 94%, 86%
CMY	0.0626, 0.0626, 0.1371
CMYK	0.00, 0.00, 0.08, 0.06
HSL	60°, 37%, 90%
HSV	60°, 8%, 94%
XYZ	79.4007, 85.2715, 80.0019
YIQ	236.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

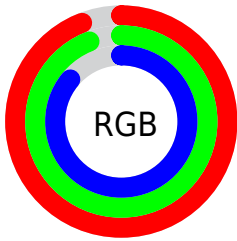
Format	Color
R_{YB}	220, 239, 220
Decimal	15724508
CIE _{Lab}	94.00, -3.23, 9.18
CIE _{LCh}	94, 9.736, 109.403
Yxy	85.2715, 0.3245, 0.3485
Android (android.graphics.Color)	4293914588 (0xFFEFDFDC)
YUV	236.8340, -8.2992, 1.8996
Hunter-Lab	92.3426, -8.1165, 13.2733

Details

The CIELCh color **94, 9.736, 109.403** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 9.927, 291.008**, 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, 9.695, 109.237** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.936, 108.441**, and if you desaturate by 10%, it is **95, 2.528, 290.412**.

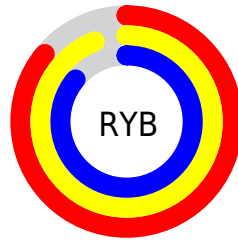
Distribution



Red (94%)

Green (94%)

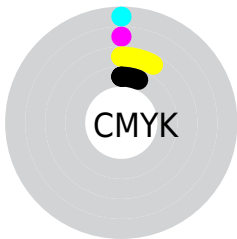
Blue (86%)



Red (86%)

Yellow (94%)

Blue (86%)

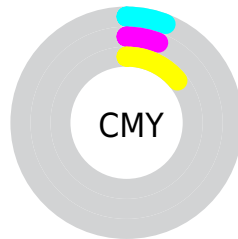


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.736, 109.403 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, 9.736, 109.403 by changing the saturation by 10% instead.

 94, 9.736, 109.403

 94, 9.736, 109.403

 100, 9.736,
109.403

 84, 9.736, 109.403

 74, 9.736, 109.403

 64, 9.736, 109.403

 54, 9.736, 109.403

 44, 9.736, 109.403

 34, 9.736, 109.403

 24, 9.736, 109.403

 14, 9.736, 109.403

 4, 9.736, 109.403

94, 9.736, 109.403

94, 9.736, 109.403

93, 21.936,
108.441

95, 2.528, 290.412

93, 33.984,
107.468

95, 8.215, 290.837

93, 45.753,
106.514

95, 8.215, 290.851

92, 57.040,
105.603

95, 8.215, 290.877

92, 67.539,
104.766

95, 8.215, 290.891

92, 76.802,
104.041

95, 8.215, 290.917

92, 84.263,
103.468

95, 8.215, 290.931

92, 89.362,
103.083

■ 92, 91.913,
102.894

Harmonies

Complementary

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



94, 9.736, 109.403



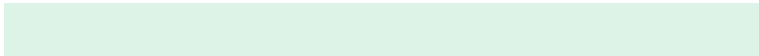
88, 9.927, 291.008

Rectangle

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



94, 9.736, 109.403



94, 9.736, 159.403



94, 9.736, 289.403



94, 9.736, 339.403

Sweetspot

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



94, 9.738, 109.413



100, 2.575, 109.965



89, 6.928, 19.816



53, 1.464, 109.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

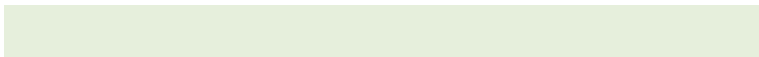
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.738, 109.413



99, 12.905, 109.212



93, 10.374, 128.730



50, 6.974, 109.266



72, 75.720, 102.866



23, 31.945, 103.320

Inverse Universe

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



88, 9.927, 291.008



92, 13.211, 291.238



89, 10.501, 309.411



46, 7.131, 291.176



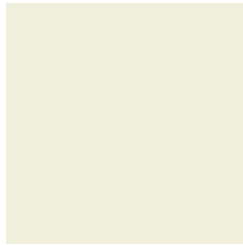
22, 104.554, 306.288



3, 37.810, 298.755

Previews

White Background



This preview shows how the CIELCh color 94, 9.736, 109.403 looks on a white background.

Color Contrast Check

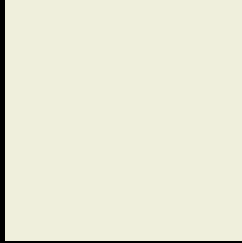
Large Text (above 18pt) WCAG AA × Fail

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, 9.736, 109.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

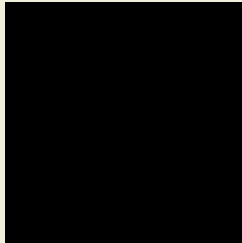
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

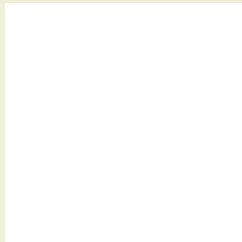
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.736, 109.403

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.736, 109.403.

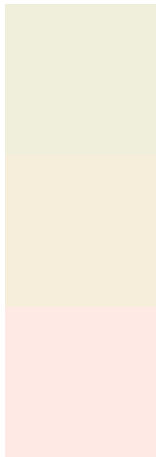


This preview shows how white text looks on a background with the CIELCh color 94, 9.736, 109.403.

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, 9.736, 109.403

Protanopia

94, 9.788, 89.721

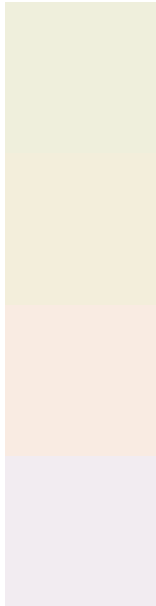
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 10.438, 310.297

Trichromacy



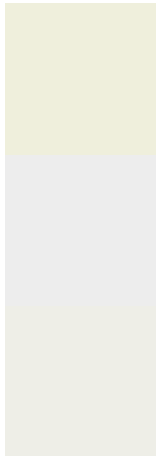
Original Color
94, 9.736, 109.403

Protanomaly
94, 9.898, 98.745

Deuteranomaly
94, 6.857, 61.843

Tritanomaly
94, 3.361, 329.439

Monochromacy



Original Color
94, 9.736, 109.403

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, 9.736, 109.403 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.736, 109.403 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, 220) }
```

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

```
.border{ border-color:rgb(239, 239, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.736, 109.403 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, 220) }
```

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

```
.background{ background-color: rgb(239,  
239, 220) }
```

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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