

Converting Colors

CIELCh(94, 11.347, 109.281)

Have a look what the booklet for
CIELCh(94, 11.347, 109.281)
contains.

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Color

CIELCh(94, 11.272, 109.282)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFD9
RGB	239, 239, 217
RGB Percent	94%, 94%, 85%
CMY	0.0619, 0.0619, 0.1482
CMYK	0.00, 0.00, 0.09, 0.06
HSL	60°, 41%, 89%
HSV	60°, 9%, 94%
XYZ	79.1542, 85.2715, 78.0804
YIQ	236.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

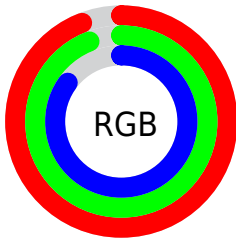
Format	Color
R _Y B	217, 239, 217
Decimal	15724505
CIE Lab	94.00, -3.72, 10.64
CIE LCh	94, 11.272, 109.282
Yxy	85.2715, 0.3264, 0.3516
Android (android.graphics.Color)	4293914585 (0xFFEFED9)
YUV	236.4920, -9.6096, 2.1995
Hunter-Lab	92.3426, -8.5930, 14.5071

Details

The CIELCh color **94, 11.272, 109.282** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 11.521, 291.143**, 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, 11.308, 109.081** is the 20% darker color. If you saturate the color by 10%, you get **94, 23.467, 108.318**, and if you desaturate by 10%, it is **95, 0.995, 290.336**.

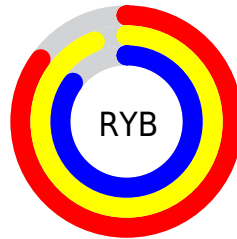
Distribution



Red (94%)

Green (94%)

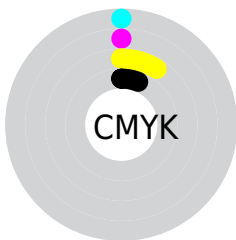
Blue (85%)



Red (85%)

Yellow (94%)

Blue (85%)

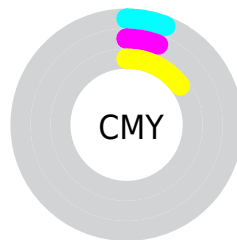


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (6%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.272, 109.282 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, 11.272, 109.282 by changing the saturation by 10% instead.

 94, 11.272,
109.282


 94, 11.272,
109.282

 100, 11.272,
109.282


 84, 11.272,
109.282

 74, 11.272,
109.282

 64, 11.272,
109.282

 54, 11.272,
109.282

 44, 11.272,
109.282

 34, 11.272,
109.282

 24, 11.272,

109.282

■ 14, 11.272,
109.282

■ 4, 11.272, 109.282

■ 94, 11.272,
109.282

■ 94, 11.272,
109.282

■ 94, 23.467,
108.318

■ 95, 0.995, 290.336

■ 93, 35.496,
107.346

■ 95, 8.114, 290.825

■ 95, 8.114, 290.836

■ 93, 47.225,
106.395

■ 95, 8.114, 290.847

■ 92, 58.441,
105.492

■ 95, 8.114, 290.858

■ 95, 8.114, 290.869

■ 92, 68.819,
104.667

■ 95, 8.114, 290.880

■ 92, 77.896,
103.957

■ 95, 8.114, 290.891

■ 92, 85.093,
103.406

■ 95, 8.114, 290.902

■ 92, 89.871,
103.047

■ 92, 92.193,
102.874

Harmonies

Complementary

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



94, 11.272, 109.282



87, 11.521, 291.143

Rectangle

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



94, 11.272, 109.282



94, 11.272, 159.282



94, 11.272, 289.282



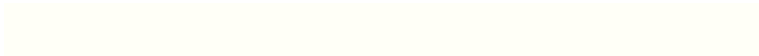
94, 11.272, 339.282

Sweetspot

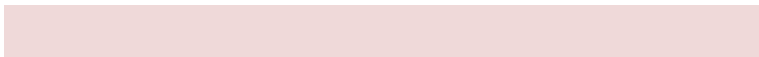
The Sweet Spot groups the original color and five complimentary colors.



94, 11.274, 109.291



100, 3.868, 109.877



89, 8.061, 19.916



53, 2.934, 109.803



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, 11.274, 109.291



99, 14.193, 109.113



93, 12.016, 128.671



50, 6.974, 109.264



72, 75.720, 102.864



23, 31.945, 103.317

Inverse Universe

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



87, 11.521, 291.143



91, 14.561, 291.350



88, 12.179, 309.471



46, 7.131, 291.174



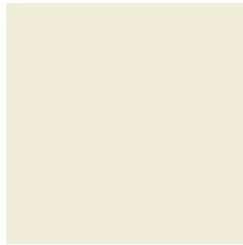
22, 104.555, 306.288



3, 37.810, 298.754

Previews

White Background



This preview shows how the CIELCh color 94, 11.272, 109.282 looks on a white background.

Color Contrast Check

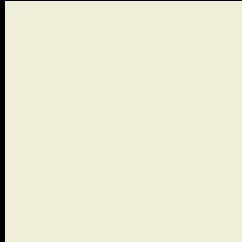
Large Text (above 18pt) WCAG AA × Fail

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, 11.272, 109.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

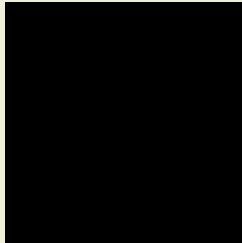
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

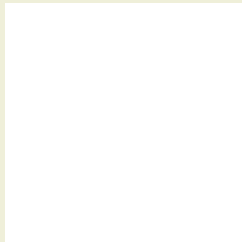
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.272, 109.282

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.272, 109.282.

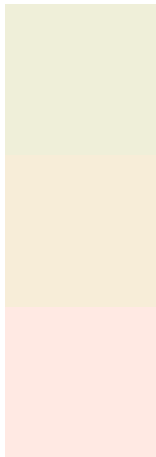


This preview shows how white text looks on a background with the CIELCh color 94, 11.272, 109.282.

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, 11.272, 109.282

Protanopia

94, 11.368, 90.382

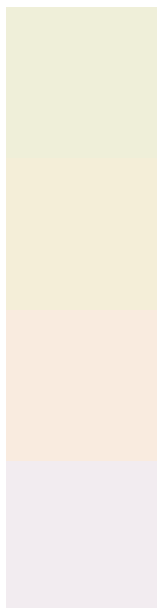
Deuteranopia

94, 8.586, 40.797



Tritanopia
94, 10.438, 310.297

Trichromacy



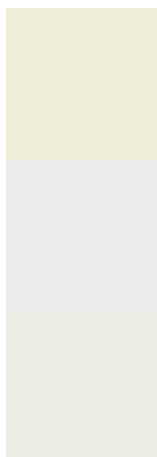
Original Color
94, 11.272, 109.282

Protanomaly
94, 11.477, 98.187

Deuteranomaly
94, 7.990, 69.861

Tritanomaly
94, 2.981, 335.704

Monochromacy



Original Color
94, 11.272, 109.282

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.099, 109.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.272, 109.282 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.272, 109.282 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, 217) }
```

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

```
.border{ border-color:rgb(239, 239, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 239, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 239, 217); box-shadow:4px 4px 4px 4px rgb(239, 239, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.272, 109.282 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, 217) }
```

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

```
.background{ background-color: rgb(239,  
239, 217) }
```

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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