

Converting Colors

CIELCh(94, 12.488, 119.294)

Have a look what the booklet for
CIELCh(94, 12.488, 119.294)
contains.

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Color

CIELCh(94, 12.498, 119.291)

Conversions

Conversions Part 1

Format	Color
Hex	EBF1D9
RGB	235, 241, 217
RGB Percent	92%, 95%, 85%
CMY	0.0799, 0.0564, 0.1505
CMYK	0.02, 0.00, 0.10, 0.06
HSL	75°, 45%, 90%
HSV	75°, 10%, 94%
XYZ	77.9527, 85.2715, 77.7401
YIQ	236.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

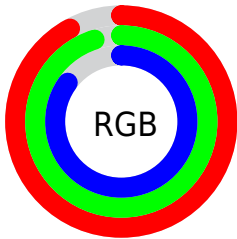
Format	Color
R_{YB}	217, 241, 223
Decimal	15462873
CIE _{Lab}	94.00, -6.11, 10.90
CIE _{LCh}	94, 12.498, 119.291
Yxy	85.2715, 0.3235, 0.3539
Android (android.graphics.Color)	4293652953 (0xFFEBF1D9)
YUV	236.4700, -9.5987, -1.2892
Hunter-Lab	92.3426, -10.9155, 14.7255

Details

The CIELCh color **94, 12.498, 119.291** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 12.764, 300.568**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 12.603, 119.574** is the 20% darker color. If you saturate the color by 10%, you get **93, 24.986, 118.656**, and if you desaturate by 10%, it is **95, 0.045, 299.154**.

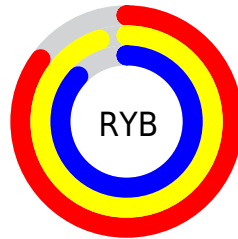
Distribution



Red (92%)

Green (95%)

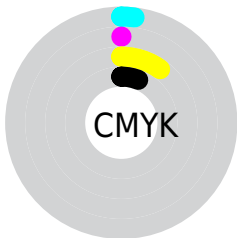
Blue (85%)



Red (85%)

Yellow (95%)

Blue (87%)

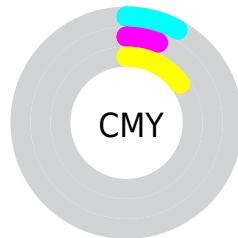


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (6%)



Cyan (8%)


Magenta (6%)


Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.498, 119.291 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, 12.498, 119.291 by changing the saturation by 10% instead.


 94, 12.498,
119.291


 94, 12.498,
119.291


 100, 12.498,
119.291


 84, 12.498,
119.291


 74, 12.498,
119.291

 64, 12.498,
119.291

 54, 12.498,
119.291

 44, 12.498,
119.291

 34, 12.498,
119.291

 24, 12.498,

119.291

■ 14, 12.498,
119.291

■ 4, 12.498, 119.291

■ 94, 12.498,
119.291

■ 94, 12.498,
119.291

■ 93, 24.986,
118.656

■ 95, 0.045, 299.154

■ 92, 37.316,
118.017

■ 96, 7.702, 306.480

■ 96, 8.529, 320.178

■ 91, 49.349,
117.402

■ 96, 8.961, 324.719

■ 91, 60.869,
116.851

■ 90, 71.558,
116.419

■ 90, 80.959,
116.185

■ 89, 88.506,
116.252

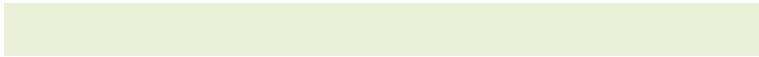
■ 89, 93.672,
116.720

■ 88, 96.517,
117.594

Harmonies

Complementary

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



94, 12.498, 119.291



88, 12.764, 300.568

Rectangle

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



94, 12.498, 119.291



94, 12.498, 169.291



94, 12.498, 299.291



94, 12.498, 349.291

Sweetspot

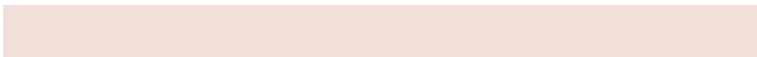
The Sweet Spot groups the original color and five complimentary colors.



94, 12.500, 119.297



100, 3.935, 119.739



90, 7.291, 44.911



53, 2.985, 119.688



0, 0.000, 0.000



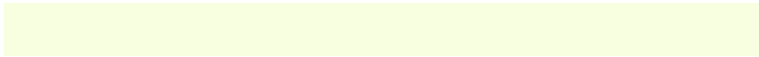
53, 0.007, 296.813

Same Dimension

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



94, 12.500, 119.297



99, 15.763, 119.165



93, 13.993, 136.864



50, 7.100, 119.329



69, 78.712, 117.376



21, 32.827, 116.562

Inverse Universe

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



88, 12.764, 300.568



91, 16.158, 300.716



89, 14.092, 317.707



46, 7.243, 300.533



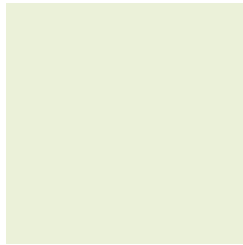
24, 102.272, 307.741



3, 38.579, 304.644

Previews

White Background



This preview shows how the CIELCh color 94, 12.498, 119.291 looks on a white background.

Color Contrast Check

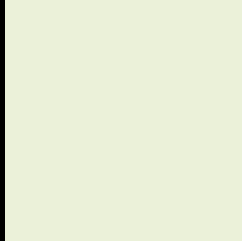
Large Text (above 18pt) WCAG AA × Fail

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, 12.498, 119.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

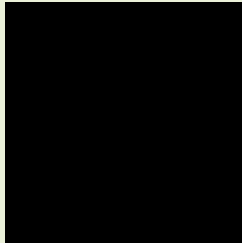
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

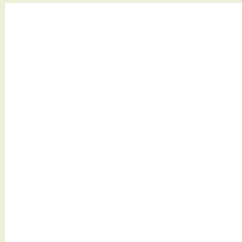
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 12.498, 119.291

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.498, 119.291.

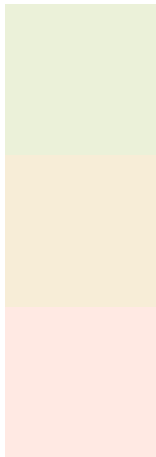


This preview shows how white text looks on a background with the CIELCh color 94, 12.498, 119.291.

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, 12.498, 119.291

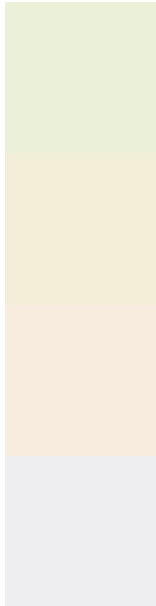
Protanopia
94, 11.856, 91.120

Deuteranopia
94, 8.586, 40.797



Tritanopia
94, 9.975, 300.878

Trichromacy



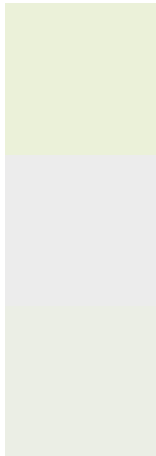
Original Color
94, 12.498, 119.291

Protanomaly
94, 11.363, 101.847

Deuteranomaly
94, 7.962, 76.245

Tritanomaly
94, 1.599, 303.072

Monochromacy



Original Color
94, 12.498, 119.291

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 4.750, 122.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.498, 119.291 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(235, 241, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 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(235, 241, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.498, 119.291 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(235, 241, 217) }
```

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

```
.border{ border-color:rgb(235, 241, 217) }
```

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

Here you see how a box with a 4 pixel rgb(235, 241, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.498, 119.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 217) }
```

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

```
.background{ background-color: rgb(235,  
241, 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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