

Converting Colors

CIELCh(94, 12.025, 120.138)

Have a look what the booklet for
CIELCh(94, 12.025, 120.138)
contains.

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Color

CIELCh(94, 12.072, 121.427)

Conversions

Conversions Part 1

Format	Color
Hex	EAF1DA
RGB	234, 241, 218
RGB Percent	92%, 95%, 85%
CMY	0.0833, 0.0558, 0.1460
CMYK	0.03, 0.00, 0.10, 0.06
HSL	78°, 45%, 90%
HSV	78°, 10%, 94%
XYZ	77.8628, 85.2715, 78.5243
YIQ	236.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

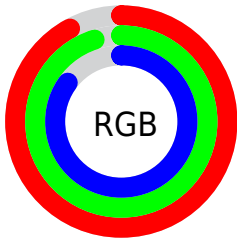
Format	Color
R _Y B	218, 241, 225
Decimal	15397338
CIE Lab	94.00, -6.29, 10.30
CIE LCh	94, 12.072, 121.427
Yxy	85.2715, 0.3222, 0.3529
Android (android.graphics.Color)	4293587418 (0xFFEAF1DA)
YUV	236.2850, -9.0145, -2.0039
Hunter-Lab	92.3426, -11.0892, 14.2221

Details

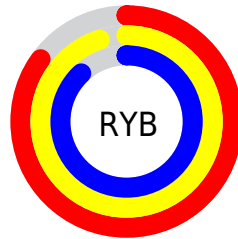
The CIELCh color **94, 12.072, 121.427** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 12.305, 302.534**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 12.161, 121.834** is the 20% darker color. If you saturate the color by 10%, you get **93, 24.681, 120.844**, and if you desaturate by 10%, it is **95, 0.577, 301.896**.

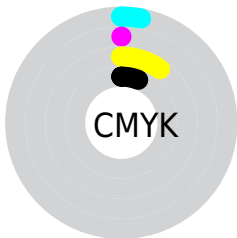
Distribution



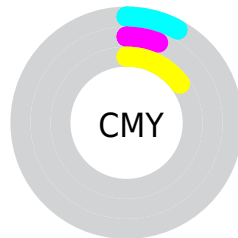
- Red (92%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)





- Cyan (8%)
- Magenta (6%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.072, 121.427 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, 12.072, 121.427 by changing the saturation by 10% instead.

 94, 12.072,
121.427


 94, 12.072,
121.427

 100, 12.072,
121.427


 84, 12.072,
121.427


 74, 12.072,
121.427

 64, 12.072,
121.427

 54, 12.072,
121.427

 44, 12.072,
121.427

 34, 12.072,
121.427

 24, 12.072,

121.427

■ 14, 12.072,
121.427

■ 4, 12.072, 121.427

■ 94, 12.072,
121.427

■ 94, 12.072,
121.427

■ 93, 24.681,
120.844

■ 95, 0.577, 301.896

■ 92, 37.149,
120.255

■ 96, 7.808, 310.611

■ 97, 8.871, 324.715

■ 91, 49.336,
119.688

■ 90, 61.033,
119.183

■ 90, 71.925,
118.796

■ 89, 81.567,
118.614

■ 88, 89.398,
118.744

■ 88, 94.888,
119.297

■ 88, 98.031,
120.292

Harmonies

Complementary

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



94, 12.072, 121.427



88, 12.305, 302.534

Rectangle

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



94, 12.072, 121.427



94, 12.072, 171.427



94, 12.072, 301.427



94, 12.072, 351.427

Sweetspot

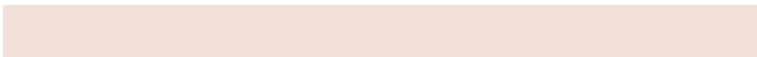
The Sweet Spot groups the original color and five complimentary colors.



94, 12.074, 121.433



100, 3.965, 121.817



90, 6.882, 50.850



53, 3.008, 121.768



0, 0.000, 0.000



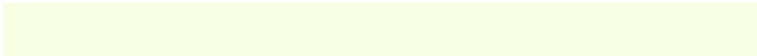
53, 0.007, 296.813

Same Dimension

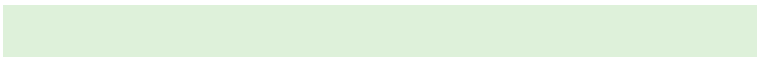
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 12.074, 121.433



99, 14.566, 121.346



93, 13.610, 138.384



50, 7.156, 121.437



69, 79.970, 120.089



21, 33.246, 119.129

Inverse Universe

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



88, 12.305, 302.534



92, 14.883, 302.629



89, 13.687, 319.218



46, 7.292, 302.529



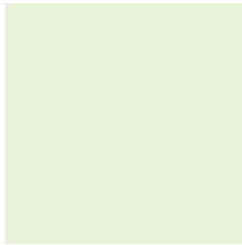
25, 101.379, 308.389



4, 38.801, 306.120

Previews

White Background



This preview shows how the CIELCh color 94, 12.072, 121.427 looks on a white background.

Color Contrast Check

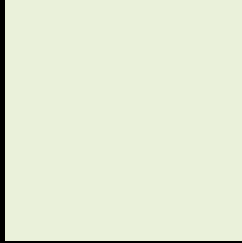
Large Text (above 18pt) WCAG AA × Fail

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, 12.072, 121.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

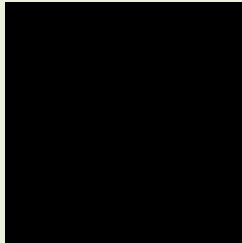
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

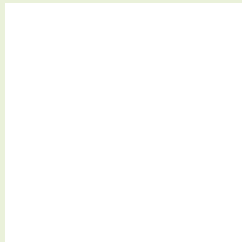
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 12.072, 121.427

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.072, 121.427.

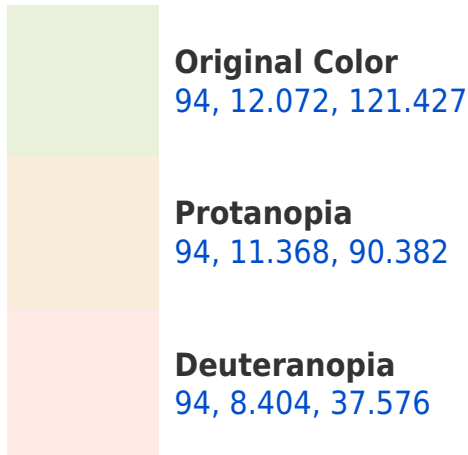


This preview shows how white text looks on a background with the CIELCh color 94, 12.072, 121.427.

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](#).

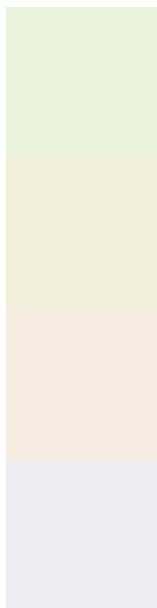
Dichromacy





Tritanopia
94, 9.917, 298.917

Trichromacy



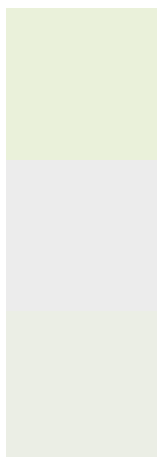
Original Color
94, 12.072, 121.427

Protanomaly
94, 10.855, 101.549

Deuteranomaly
94, 7.327, 76.519

Tritanomaly
94, 2.069, 290.375

Monochromacy



Original Color
94, 12.072, 121.427

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, 12.072, 121.427 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(234, 241, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 218)  
}
```

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(234, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.072, 121.427 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(234, 241, 218) }
```

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

```
.border{ border-color:rgb(234, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.072, 121.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 218) }
```

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

```
.background{ background-color: rgb(234,  
241, 218) }
```

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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