

Converting Colors

CIELCh(94, 10.952, 112.765)

Have a look what the booklet for
CIELCh(94, 10.952, 112.765)
contains.

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Color

CIELCh(94, 11.296, 112.992)

Conversions

Conversions Part 1

Format	Color
Hex	EEF0DA
RGB	238, 240, 218
RGB Percent	93%, 94%, 85%
CMY	0.0681, 0.0602, 0.1465
CMYK	0.01, 0.00, 0.09, 0.06
HSL	65°, 42%, 90%
HSV	65°, 9%, 94%
XYZ	78.8064, 85.2715, 78.3962
YIQ	236.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

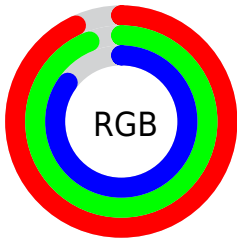
Format	Color
RYB	218, 240, 220
Decimal	15659226
CIELab	94.00, -4.41, 10.40
CIELCh	94, 11.296, 112.992
Yxy	85.2715, 0.3250, 0.3517
Android (android.graphics.Color)	4293849306 (0xFFEEF0DA)
YUV	236.8940, -9.3147, 0.9700
Hunter-Lab	92.3426, -9.2653, 14.3043

Details

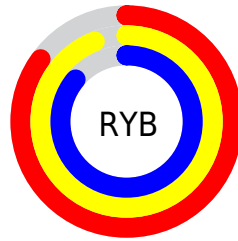
The CIELCh color **94, 11.296, 112.992** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 11.543, 294.569**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 11.332, 112.997** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.544, 112.163**, and if you desaturate by 10%, it is **95, 1.023, 293.860**.

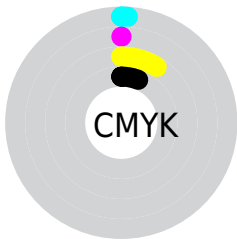
Distribution



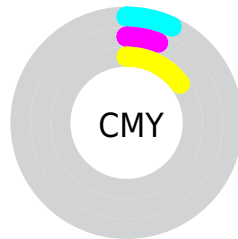
- Red (93%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (7%)
- Magenta (6%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.296, 112.992 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, 11.296, 112.992 by changing the saturation by 10% instead.


 94, 11.296,
112.992


 94, 11.296,
112.992


 100, 11.296,
112.992


 84, 11.296,
112.992

 74, 11.296,
112.992

 64, 11.296,
112.992

 54, 11.296,
112.992

 44, 11.296,
112.992

 34, 11.296,
112.992

 24, 11.296,

112.992

■ 14, 11.296,
112.992

■ 4, 11.296, 112.992

■ 94, 11.296,
112.992

■ 94, 11.296,
112.992

■ 93, 23.544,
112.163

■ 95, 1.023, 293.860

■ 93, 35.625,
111.326

■ 95, 7.945, 296.674

■ 95, 8.066, 302.009

■ 92, 47.404,
110.512

■ 96, 8.255, 307.166

■ 92, 58.672,
109.750

■ 96, 8.507, 312.075

■ 96, 8.817, 316.690

■ 91, 69.109,
109.082

■ 96, 9.181, 320.985

■ 91, 78.261,
108.563

■ 96, 9.568, 324.742

■ 91, 85.553,
108.259

■ 91, 90.441,
108.232

■ 90, 92.877,
108.494

Harmonies

Complementary

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



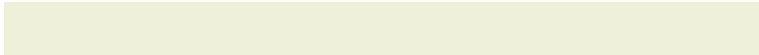
94, 11.296, 112.992



88, 11.543, 294.569

Rectangle

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



94, 11.296, 112.992



94, 11.296, 162.992



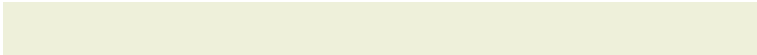
94, 11.296, 292.992



94, 11.296, 342.992

Sweetspot

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



94, 11.298, 113.000



100, 3.879, 113.505



89, 7.441, 27.172



53, 2.942, 113.440



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

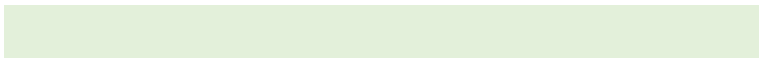
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 11.298, 113.000



99, 14.234, 112.845



93, 12.254, 131.548



50, 6.994, 112.975



71, 76.173, 108.428



22, 32.040, 108.331

Inverse Universe

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



88, 11.543, 294.569



91, 14.599, 294.746



89, 12.391, 312.301



46, 7.150, 294.597



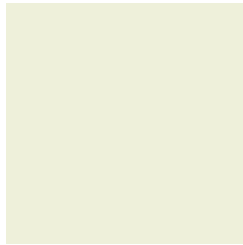
22, 104.060, 306.580



3, 38.043, 300.875

Previews

White Background



This preview shows how the CIELCh color 94, 11.296, 112.992 looks on a white background.

Color Contrast Check

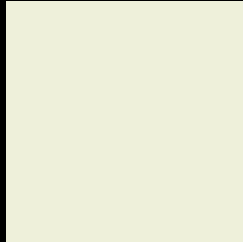
Large Text (above 18pt) WCAG AA × Fail

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, 11.296, 112.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

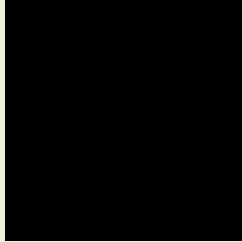
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

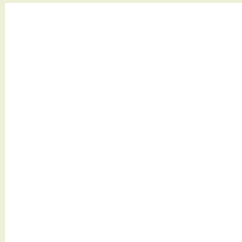
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.296, 112.992

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.296, 112.992.

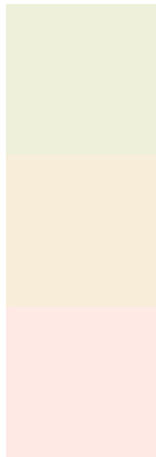


This preview shows how white text looks on a background with the CIELCh color 94, 11.296, 112.992.

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, 11.296, 112.992

Protanopia

94, 11.368, 90.382

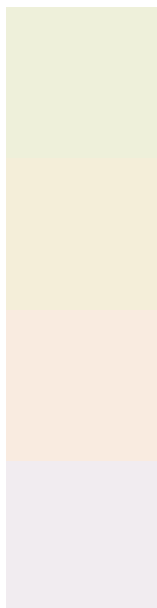
Deuteranopia

94, 8.404, 37.576



Tritanopia
94, 10.325, 308.476

Trichromacy



Original Color
94, 11.296, 112.992

Protanomaly
94, 10.974, 97.730

Deuteranomaly
94, 7.596, 67.460

Tritanomaly
94, 2.737, 330.528

Monochromacy



Original Color
94, 11.296, 112.992

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.120, 114.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.296, 112.992 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(238, 240, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 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(238, 240, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.296, 112.992 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(238, 240, 218) }
```

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

```
.border{ border-color:rgb(238, 240, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 240, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 240, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 240, 218);  
box-shadow:4px 4px 4px 4px rgb(238, 240,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.296, 112.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 218) }
```

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

```
.background{ background-color: rgb(238,  
240, 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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