

Converting Colors

CIELCh(93, 7.041, 97.446)

Have a look what the booklet for
CIELCh(93, 7.041, 97.446) contains.

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Color

CIELCh(93, 6.824, 97.341)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBDE
RGB	239, 235, 222
RGB Percent	94%, 92%, 87%
CMY	0.0631, 0.0788, 0.1298
CMYK	0.00, 0.02, 0.07, 0.06
HSL	46°, 35%, 90%
HSV	46°, 7%, 94%
XYZ	78.4194, 82.9670, 80.9242
YIQ	234.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

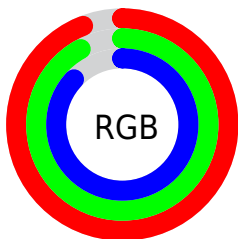
Format	Color
R _Y B	227, 239, 222
Decimal	15723486
CIE Lab	93.00, -0.87, 6.77
CIE LCh	93, 6.824, 97.341
Yxy	82.9670, 0.3236, 0.3424
Android (android.graphics.Color)	4293913566 (0xFFEFEBDE)
YUV	234.7140, -6.2680, 3.7588
Hunter-Lab	91.0862, -5.7238, 11.0851

Details

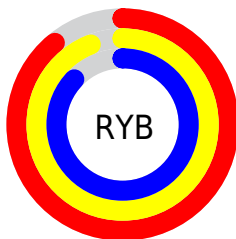
The CIELCh color **93, 6.824, 97.341** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 6.880, 279.109**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.657, 96.189** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.523, 96.174**, and if you desaturate by 10%, it is **95, 2.766, 278.621**.

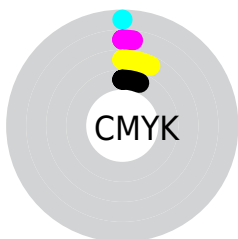
Distribution



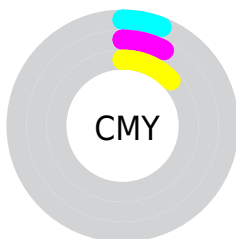
- Red (94%)
- Green (92%)
- Blue (87%)



- Red (89%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.824, 97.341 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 93, 6.824, 97.341 by changing the saturation by 10% instead.

- 93, 6.824, 97.341
- 100, 6.824, 97.341
- 93, 6.824, 97.341
- 83, 6.824, 97.341
- 73, 6.824, 97.341
- 63, 6.824, 97.341
- 53, 6.824, 97.341
- 43, 6.824, 97.341
- 33, 6.824, 97.341
- 23, 6.824, 97.341
- 13, 6.824, 97.341
- 3, 6.824, 97.341

93, 6.824, 97.341

93, 6.824, 97.341

91, 16.523, 96.174

95, 2.766, 278.621

89, 26.297, 94.940

97, 5.135, 261.576

87, 36.085, 93.672

98, 4.690, 219.957

86, 45.775, 92.376

99, 5.533, 199.175

84, 55.159, 91.053

82, 63.882, 89.694

81, 71.369, 88.273

79, 76.836, 86.727

78, 79.587, 84.961

Harmonies

Complementary

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



93, 6.824, 97.341



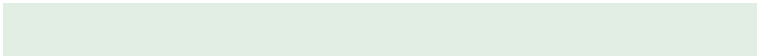
90, 6.880, 279.109

Rectangle

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



93, 6.824, 97.341



93, 6.824, 147.341



93, 6.824, 277.341



93, 6.824, 327.341

Sweetspot

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



93, 6.826, 97.358



100, 2.009, 97.880



90, 6.534, 0.104



53, 1.142, 97.886



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 6.826, 97.358



98, 9.116, 97.137



94, 8.866, 119.472



49, 5.475, 97.085



61, 65.835, 84.781



18, 26.225, 87.416

Inverse Universe

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



90, 6.880, 279.109



94, 9.196, 279.352



89, 9.008, 300.363



47, 5.524, 279.410



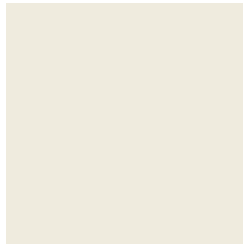
27, 87.782, 301.184



5, 31.573, 293.876

Previews

White Background



This preview shows how the CIE LCh color 93, 6.824, 97.341 looks on a white background.

Color Contrast Check

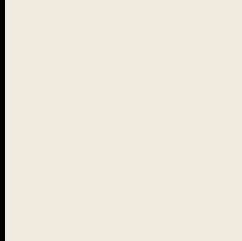
Large Text (above 18pt) WCAG AA × Fail

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 93, 6.824, 97.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

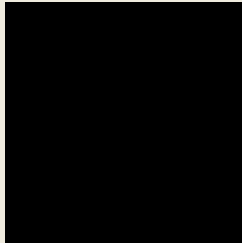
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

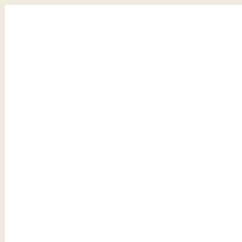
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.824, 97.341

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.824, 97.341.

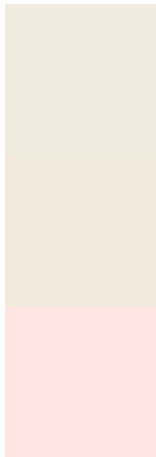


This preview shows how white text looks on a background with the CIELCh color 93, 6.824, 97.341.

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

93, 6.824, 97.341

Protanopia

93, 7.274, 85.984

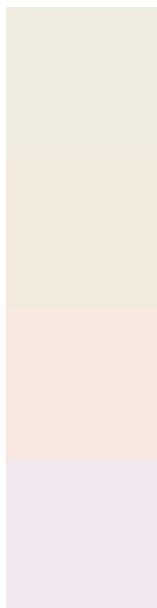
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 10.247, 314.951

Trichromacy



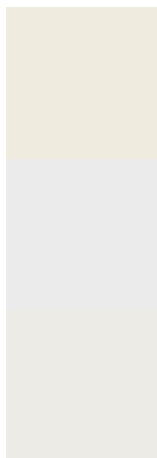
Original Color
93, 6.824, 97.341

Protanomaly
93, 7.137, 88.688

Deuteranomaly
93, 7.236, 44.921

Tritanomaly
93, 5.093, 334.490

Monochromacy



Original Color
93, 6.824, 97.341

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.585, 101.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.824, 97.341 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, 235, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 222)  
}
```

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, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.824, 97.341 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, 235, 222) }
```

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

```
.border{ border-color:rgb(239, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.824, 97.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 222) }
```

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

```
.background{ background-color: rgb(239,  
235, 222) }
```

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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