

Converting Colors

CIELCh(93, 8.502, 93.807)

Have a look what the booklet for
CIELCh(93, 8.502, 93.807) contains.

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Color

CIELCh(93, 8.494, 94.547)

Conversions

Conversions Part 1

Format	Color
Hex	F1EBDB
RGB	241, 235, 219
RGB Percent	95%, 92%, 86%
CMY	0.0562, 0.0797, 0.1425
CMYK	0.00, 0.02, 0.09, 0.06
HSL	44°, 43%, 90%
HSV	44°, 9%, 94%
XYZ	78.5191, 82.9670, 78.6684
YIQ	234.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

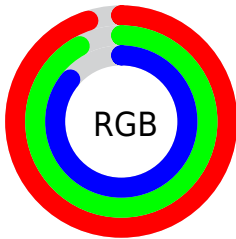
Format	Color
R _Y B	227, 241, 219
Decimal	15854555
CIE Lab	93.00, -0.67, 8.47
CIE LCh	93, 8.494, 94.547
Yxy	82.9670, 0.3270, 0.3455
Android (android.graphics.Color)	4294044635 (0xFFFF1EBDB)
YUV	234.9700, -7.8732, 5.2883
Hunter-Lab	91.0862, -5.5285, 12.5534

Details

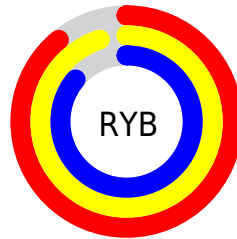
The CIELCh color **93, 8.494, 94.547** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.544, 276.872**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.423, 93.363** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.931, 93.331**, and if you desaturate by 10%, it is **95, 0.806, 276.076**.

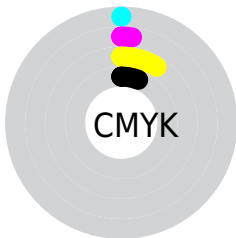
Distribution



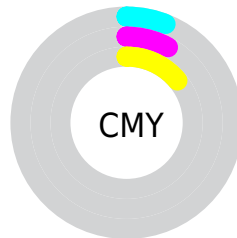
- Red (95%)
- Green (92%)
- Blue (86%)



- Red (89%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.494, 94.547 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, 8.494, 94.547 by changing the saturation by 10% instead.

 93, 8.494, 94.547

 93, 8.494, 94.547

 100, 8.494, 94.547

 83, 8.494, 94.547

 73, 8.494, 94.547

 63, 8.494, 94.547

 53, 8.494, 94.547

 43, 8.494, 94.547

 33, 8.494, 94.547

 23, 8.494, 94.547

 13, 8.494, 94.547

 3, 8.494, 94.547

93, 8.494, 94.547

93, 8.494, 94.547

91, 17.931, 93.331

95, 0.806, 276.076

89, 27.474, 92.050

97, 4.395, 256.555

87, 37.066, 90.732

99, 4.718, 203.277

85, 46.593, 89.378

99, 4.936, 199.227

83, 55.840, 87.983

81, 64.428, 86.528

79, 71.738, 84.964

77, 76.930, 83.193

76, 79.475, 81.109

Harmonies

Complementary

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



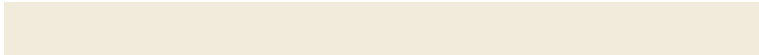
93, 8.494, 94.547



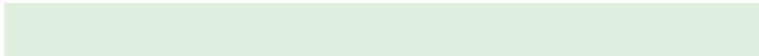
89, 8.544, 276.872

Rectangle

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



93, 8.494, 94.547



93, 8.494, 144.547



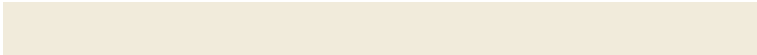
93, 8.494, 274.547



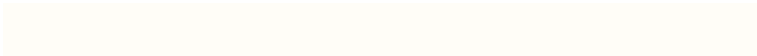
93, 8.494, 324.547

Sweetspot

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



93, 8.496, 94.562



99, 2.902, 95.248



89, 8.612, 357.938



53, 2.203, 95.169



0, 0.000, 0.000



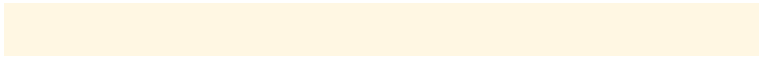
53, 0.007, 296.813

Same Dimension

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



93, 8.496, 94.562



97, 10.734, 94.334



94, 11.409, 118.033



49, 5.267, 94.522



59, 65.093, 81.357



18, 25.524, 84.159

Inverse Universe

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



89, 8.544, 276.872



93, 10.799, 277.128



88, 11.639, 299.268



47, 5.297, 276.916



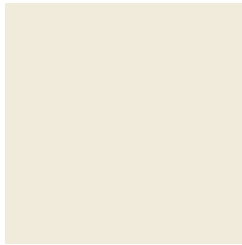
29, 83.604, 299.632



6, 30.375, 292.640

Previews

White Background



This preview shows how the CIELCh color 93, 8.494, 94.547 looks on a white background.

Color Contrast Check

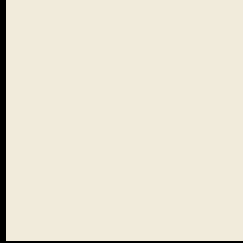
Large Text (above 18pt) WCAG AA × Fail

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, 8.494, 94.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

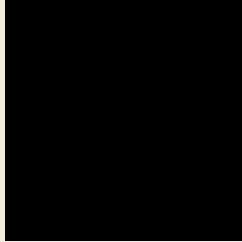
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

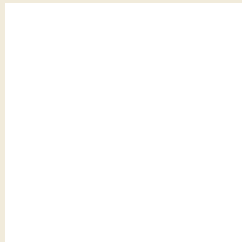
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.494, 94.547

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.494, 94.547.

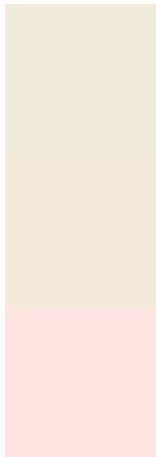


This preview shows how white text looks on a background with the CIELCh color 93, 8.494, 94.547.

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

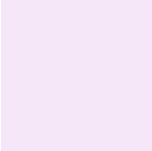
93, 8.494, 94.547

Protanopia

93, 8.846, 87.600

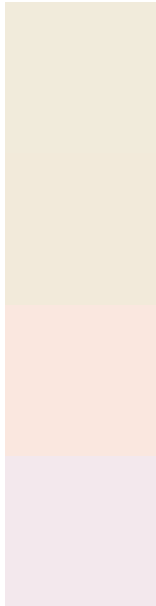
Deuteranopia

93, 9.728, 32.147



Tritanopia
93, 10.732, 320.106

Trichromacy



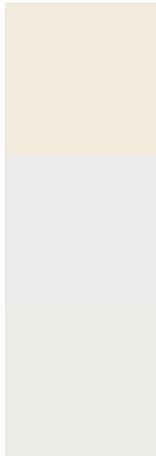
Original Color
93, 8.494, 94.547

Protanomaly
93, 8.716, 89.854

Deuteranomaly
93, 8.066, 50.339

Tritanomaly
93, 4.712, 346.460

Monochromacy



Original Color
93, 8.494, 94.547

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.154, 96.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.494, 94.547 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(241, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(241, 235, 219)  
}
```

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(241, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.494, 94.547 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(241, 235, 219) }
```

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

```
.border{ border-color:rgb(241, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.494, 94.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 219) }
```

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

```
.background{ background-color: rgb(241,  
235, 219) }
```

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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