

Converting Colors

CIELCh(93, 9.353, 100.409)

Have a look what the booklet for
CIELCh(93, 9.353, 100.409) contains.

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Color

CIELCh(93, 9.355, 100.424)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBD9
RGB	239, 235, 217
RGB Percent	94%, 92%, 85%
CMY	0.0618, 0.0775, 0.1481
CMYK	0.00, 0.02, 0.09, 0.06
HSL	49°, 41%, 90%
HSV	49°, 9%, 94%
XYZ	78.0085, 82.9670, 77.7080
YIQ	234.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

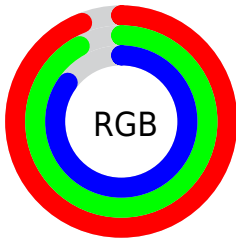
Format	Color
RYB	222, 239, 217
Decimal	15723481
CIELab	93.00, -1.69, 9.20
CIElCh	93, 9.355, 100.424
Yxy	82.9670, 0.3268, 0.3476
Android (android.graphics.Color)	4293913561 (0xFFEFEBD9)
YUV	234.1440, -8.4520, 4.2587
Hunter-Lab	91.0862, -6.5292, 13.1786

Details

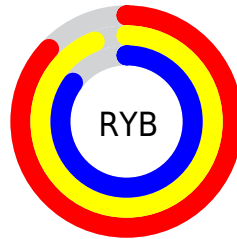
The CIELCh color **93, 9.355, 100.424** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 9.475, 282.592**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.312, 99.675** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.597, 99.290**, and if you desaturate by 10%, it is **95, 0.825, 281.778**.

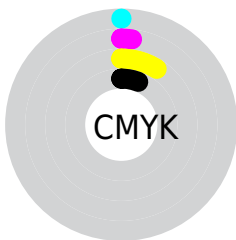
Distribution



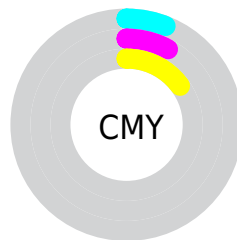
- Red (94%)
- Green (92%)
- Blue (85%)



- Red (87%)
- Yellow (94%)
- Blue (85%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.355, 100.424 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, 9.355, 100.424 by changing the saturation by 10% instead.

93, 9.355, 100.424

93, 9.355, 100.424

100, 9.355,
100.424

83, 9.355, 100.424

73, 9.355, 100.424

63, 9.355, 100.424

53, 9.355, 100.424

43, 9.355, 100.424

33, 9.355, 100.424

23, 9.355, 100.424

13, 9.355, 100.424

3, 9.355, 100.424

93, 9.355, 100.424

93, 9.355, 100.424

91, 19.597, 99.290

95, 0.825, 281.778

90, 29.848, 98.110

96, 5.874, 274.684

88, 40.024, 96.907

97, 4.594, 247.891

87, 49.976, 95.691

98, 4.739, 214.098

86, 59.446, 94.469

99, 5.420, 199.184

84, 68.012, 93.243

83, 75.045, 92.001

82, 79.786, 90.708

81, 81.885, 89.313

Harmonies

Complementary

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



93, 9.355, 100.424



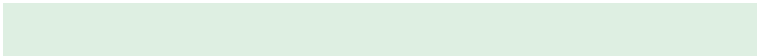
88, 9.475, 282.592

Rectangle

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



93, 9.355, 100.424



93, 9.355, 150.424



93, 9.355, 280.424



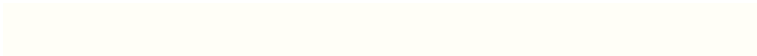
93, 9.355, 330.424

Sweetspot

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



93, 9.357, 100.436



99, 3.199, 101.097



89, 8.286, 5.316



53, 2.428, 101.018



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



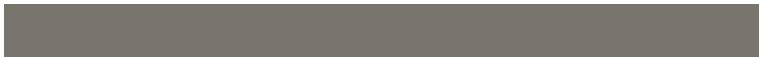
93, 9.357, 100.436



98, 11.794, 100.229



93, 11.588, 121.920



49, 5.790, 100.405



63, 67.348, 89.459



19, 27.353, 91.705

Inverse Universe

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



88, 9.475, 282.592



92, 11.965, 282.826



88, 11.799, 302.955



47, 5.865, 282.627



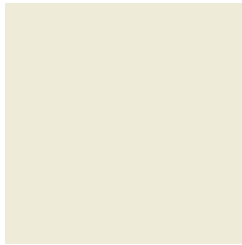
25, 93.181, 303.003



5, 33.074, 295.243

Previews

White Background



This preview shows how the CIELCh color 93, 9.355, 100.424 looks on a white background.

Color Contrast Check

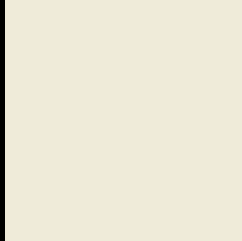
Large Text (above 18pt) WCAG AA × Fail

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, 9.355, 100.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

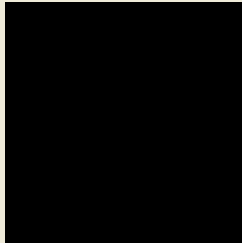
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

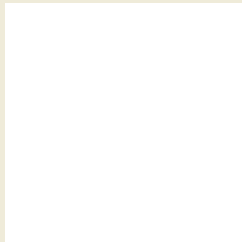
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.355, 100.424

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.355, 100.424.

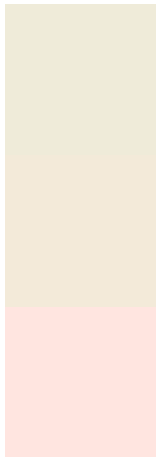


This preview shows how white text looks on a background with the CIELCh color 93, 9.355, 100.424.

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, 9.355, 100.424

Protanopia

93, 9.327, 88.709

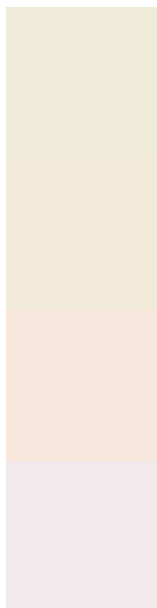
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 10.397, 316.717

Trichromacy



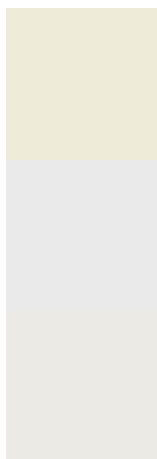
Original Color
93, 9.355, 100.424

Protanomaly
93, 9.204, 90.864

Deuteranomaly
93, 8.042, 54.769

Tritanomaly
93, 3.829, 346.950

Monochromacy



Original Color
93, 9.355, 100.424

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.157, 96.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.355, 100.424 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 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(239, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.355, 100.424 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, 217) }
```

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

```
.border{ border-color:rgb(239, 235, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.355, 100.424 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, 217) }
```

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

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