

Converting Colors

CIELCh(93, 5.268, 103.871)

Have a look what the booklet for
CIELCh(93, 5.268, 103.871) contains.

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Color

CIELCh(93, 5.181, 101.747)

Conversions

Conversions Part 1

Format	Color
Hex	EDEBE1
RGB	237, 235, 225
RGB Percent	93%, 92%, 88%
CMY	0.0700, 0.0779, 0.1171
CMYK	0.00, 0.01, 0.05, 0.07
HSL	50°, 25%, 91%
HSV	50°, 5%, 93%
XYZ	78.3277, 82.9670, 83.2177
YIQ	234.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

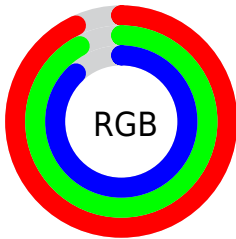
Format	Color
R _Y B	227, 237, 225
Decimal	15592417
CIE Lab	93.00, -1.05, 5.07
CIE LCh	93, 5.181, 101.747
Yxy	82.9670, 0.3203, 0.3393
Android (android.graphics.Color)	4293782497 (0xFFEDEBE1)
YUV	234.4580, -4.6628, 2.2293
Hunter-Lab	91.0862, -5.9035, 9.5921

Details

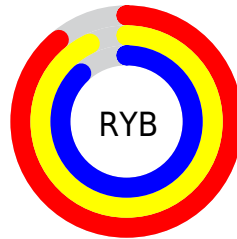
The CIELCh color **93, 5.181, 101.747** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.236, 282.956**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.919, 100.780** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.487, 100.662**, and if you desaturate by 10%, it is **95, 5.062, 282.919**.

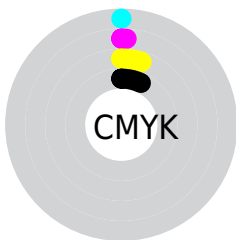
Distribution



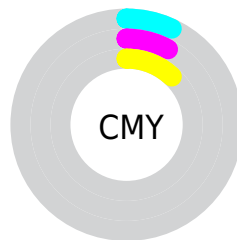
- Red (93%)
- Green (92%)
- Blue (88%)



- Red (89%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.181, 101.747 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, 5.181, 101.747 by changing the saturation by 10% instead.

93, 5.181, 101.747

93, 5.181, 101.747

100, 5.181,
101.747

83, 5.181, 101.747

73, 5.181, 101.747

63, 5.181, 101.747

53, 5.181, 101.747

43, 5.181, 101.747

33, 5.181, 101.747

23, 5.181, 101.747

13, 5.181, 101.747

3, 5.181, 101.747

93, 5.181, 101.747

93, 5.181, 101.747

91, 15.487,
100.662

95, 5.062, 282.919

90, 25.811, 99.511

96, 6.432, 272.350

89, 36.085, 98.337

97, 5.269, 250.678

87, 46.186, 97.150

98, 5.133, 223.242

86, 55.901, 95.960

99, 6.083, 199.791

85, 64.881, 94.776

99, 6.131, 199.125

84, 72.586, 93.595

82, 78.301, 92.403

81, 81.366, 91.158

Harmonies

Complementary

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



93, 5.181, 101.747



90, 5.236, 282.956

Rectangle

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



93, 5.181, 101.747



93, 5.181, 151.747



93, 5.181, 281.747



93, 5.181, 331.747

Sweetspot

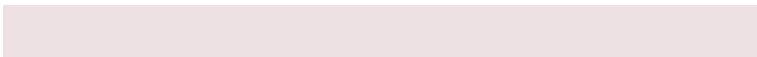
The Sweet Spot groups the original color and five complimentary colors.



93, 5.183, 101.768



100, 2.164, 102.058



91, 4.451, 6.144



53, 1.230, 102.064



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, 5.183, 101.768



99, 6.522, 101.666



93, 6.343, 122.787



49, 4.041, 101.601



63, 67.178, 90.759



18, 26.452, 93.026

Inverse Universe

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



90, 5.236, 282.956



96, 6.592, 283.066



90, 6.419, 303.315



47, 4.086, 283.135



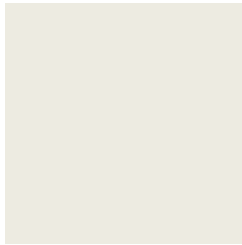
25, 93.524, 303.420



4, 31.636, 294.404

Previews

White Background



This preview shows how the CIELCh color 93, 5.181, 101.747 looks on a white background.

Color Contrast Check

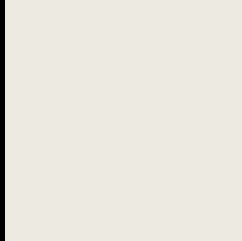
Large Text (above 18pt) WCAG AA × Fail

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, 5.181, 101.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

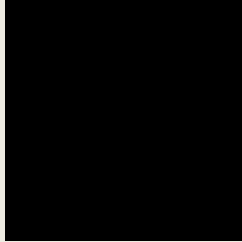
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

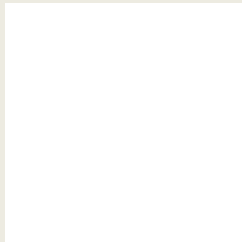
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.181, 101.747

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.181, 101.747.

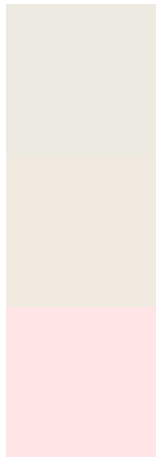


This preview shows how white text looks on a background with the CIELCh color 93, 5.181, 101.747.

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, 5.181, 101.747

Protanopia

93, 5.715, 83.378

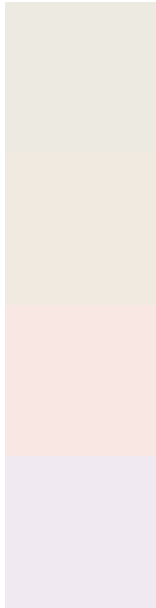
Deuteranopia

93, 9.448, 19.999



Tritanopia
93, 10.463, 310.301

Trichromacy



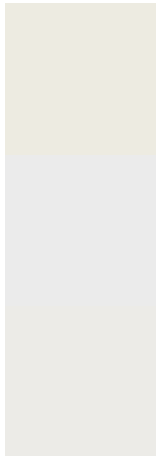
Original Color
93, 5.181, 101.747

Protanomaly
93, 5.565, 86.752

Deuteranomaly
93, 6.697, 33.040

Tritanomaly
93, 4.842, 321.108

Monochromacy



Original Color
93, 5.181, 101.747

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.076, 100.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.181, 101.747 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(237, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 225)  
}
```

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(237, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.181, 101.747 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(237, 235, 225) }
```

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

```
.border{ border-color:rgb(237, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.181, 101.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 225) }
```

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

```
.background{ background-color: rgb(237,  
235, 225) }
```

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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