

Converting Colors

CIELCh(93, 1.852, 128.572)

Have a look what the booklet for
CIELCh(93, 1.852, 128.572) contains.

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Color

CIELCh(93, 1.580, 123.023)

Conversions

Conversions Part 1

Format	Color
Hex	EAEBE8
RGB	234, 235, 232
RGB Percent	92%, 92%, 91%
CMY	0.0812, 0.0773, 0.0891
CMYK	0.00, 0.00, 0.01, 0.08
HSL	80°, 7%, 92%
HSV	80°, 1%, 92%
XYZ	78.4249, 82.9670, 88.4400
YIQ	234.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

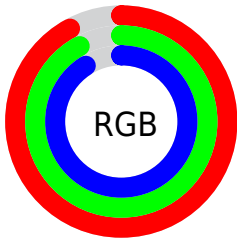
Format	Color
R _Y B	232, 235, 233
Decimal	15395816
CIE Lab	93.00, -0.86, 1.32
CIE LCh	93, 1.580, 123.023
Yxy	82.9670, 0.3139, 0.3321
Android (android.graphics.Color)	4293585896 (0xFFEAEBE8)
YUV	234.3590, -1.1630, -0.3148
Hunter-Lab	91.0862, -5.7131, 6.1928

Details

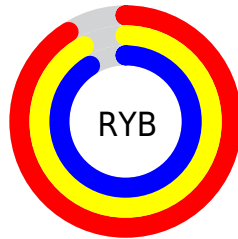
The CIELCh color **93, 1.580, 123.023** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 1.607, 303.108**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 1.665, 122.994** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.059, 122.474**, and if you desaturate by 10%, it is **94, 10.462, 304.014**.

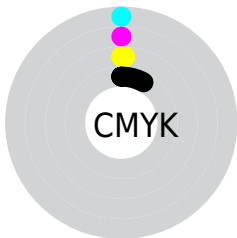
Distribution



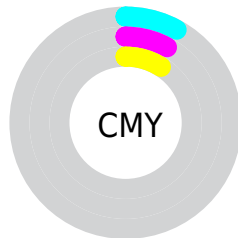
- Red (92%)
- Green (92%)
- Blue (91%)



- Red (91%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 1.580, 123.023 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, 1.580, 123.023 by changing the saturation by 10% instead.

■ 93, 1.580, 123.023

■ 93, 1.580, 123.023

■ 100, 1.580,
123.023

■ 83, 1.580, 123.023

■ 73, 1.580, 123.023

■ 63, 1.580, 123.023

■ 53, 1.580, 123.023

■ 43, 1.580, 123.023

■ 33, 1.580, 123.023

■ 23, 1.580, 123.023

■ 13, 1.580, 123.023

■ 3, 1.580, 123.023

93, 1.580, 123.023

93, 1.580, 123.023

92, 14.059,
122.474

94, 10.462,
304.014

91, 26.487,
121.910

95, 11.412,
317.523

90, 38.764,
121.347

95, 12.297,
324.844

89, 50.743,
120.810

88, 62.203,
120.342

87, 72.818,
120.006

87, 82.132,
119.893

86, 89.586,
120.118

■ 86, 94.695,
120.793

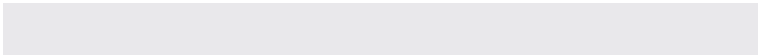
Harmonies

Complementary

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



93, 1.580, 123.023



92, 1.607, 303.108

Rectangle

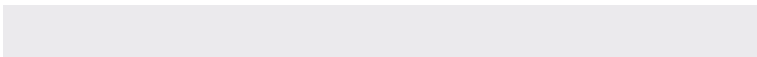
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



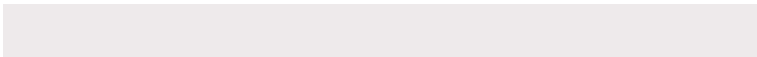
93, 1.580, 123.023



93, 1.580, 173.023



93, 1.580, 303.023



93, 1.580, 353.023

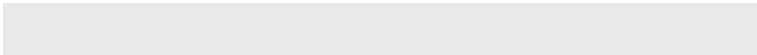
Sweetspot

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



93, 1.582, 123.058

100, 0.012, 296.813



93, 0.870, 54.965



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



93, 1.582, 123.058



100, 2.652, 123.003



93, 1.786, 139.878



49, 1.407, 123.011



67, 79.873, 121.471



20, 32.152, 120.687

Inverse Universe

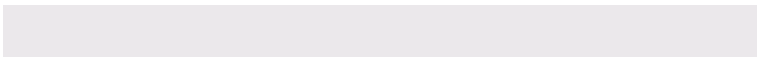
The Inverse Universe completely reimagines the original color for something new.



92, 1.607, 303.108



98, 2.684, 303.163



92, 1.807, 319.721



49, 1.425, 303.155



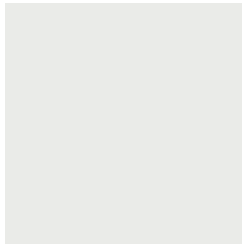
25, 99.788, 308.813



4, 36.820, 306.213

Previews

White Background



This preview shows how the CIELCh color 93, 1.580, 123.023 looks on a white background.

Color Contrast Check

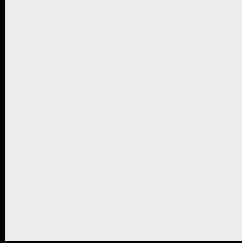
Large Text (above 18pt) WCAG AA × Fail

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, 1.580, 123.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

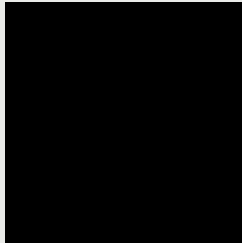
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

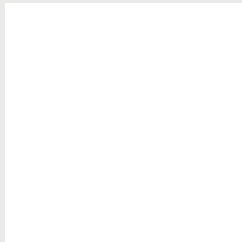
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 1.580, 123.023

Background



This preview shows how black text looks on a background with the CIELCh color 93, 1.580, 123.023.

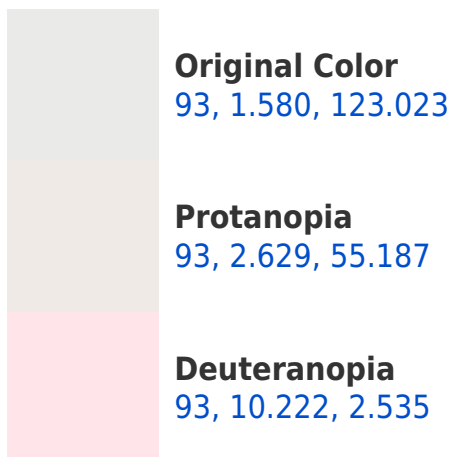


This preview shows how white text looks on a background with the CIELCh color 93, 1.580, 123.023.

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](#).

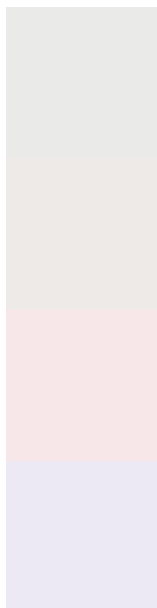
Dichromacy





Tritanopia
93, 9.999, 300.884

Trichromacy



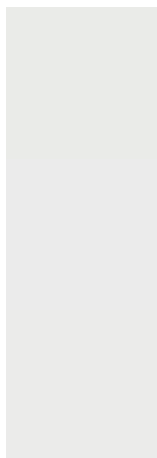
Original Color
93, 1.580, 123.023

Protanomaly
93, 2.088, 66.761

Deuteranomaly
93, 5.845, 9.579

Tritanomaly
93, 5.798, 301.039

Monochromacy



Original Color
93, 1.580, 123.023

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.504, 109.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 1.580, 123.023 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(234, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 232)  
}
```

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(234, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 1.580, 123.023 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(234, 235, 232) }
```

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

```
.border{ border-color:rgb(234, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 235, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 235, 232); box-shadow:4px 4px 4px 4px rgb(234, 235, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 1.580, 123.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 232) }
```

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

```
.background{ background-color: rgb(234,  
235, 232) }
```

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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