

Converting Colors

CIELCh(93, 3.689, 145.582)

Have a look what the booklet for
CIELCh(93, 3.689, 145.582) contains.

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Color

CIELCh(93, 3.983, 148.518)

Conversions

Conversions Part 1

Format	Color
Hex	E6EDE7
RGB	230, 237, 231
RGB Percent	90%, 93%, 91%
CMY	0.0990, 0.0715, 0.0951
CMYK	0.03, 0.00, 0.03, 0.07
HSL	129°, 16%, 91%
HSV	129°, 3%, 93%
XYZ	77.1597, 82.9670, 87.3705
YIQ	234.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

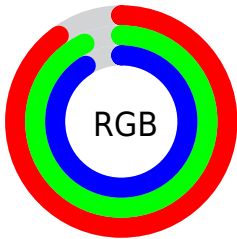
Format	Color
R _Y B	230, 236, 237
Decimal	15134183
CIE Lab	93.00, -3.40, 2.08
CIE LCh	93, 3.983, 148.518
Yxy	82.9670, 0.3118, 0.3352
Android (android.graphics.Color)	4293324263 (0xFFE6EDE7)
YUV	234.2230, -1.5889, -3.7036
Hunter-Lab	91.0862, -8.1926, 6.8890

Details

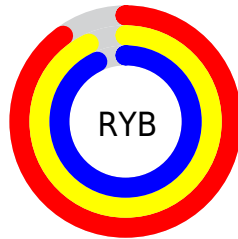
The CIELCh color **93, 3.983, 148.518** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 4.005, 328.703**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.968, 144.319** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.606, 147.788**, and if you desaturate by 10%, it is **95, 9.433, 328.966**.

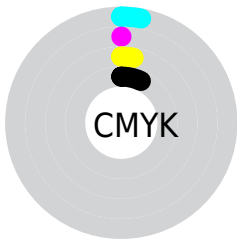
Distribution



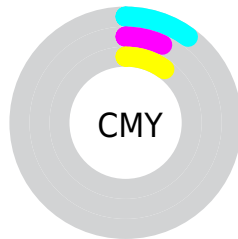
- Red (90%)
- Green (93%)
- Blue (91%)



- Red (90%)
- Yellow (93%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.983, 148.518 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, 3.983, 148.518 by changing the saturation by 10% instead.

93, 3.983, 148.518

93, 3.983, 148.518

100, 3.983,
148.518

83, 3.983, 148.518

73, 3.983, 148.518

63, 3.983, 148.518

53, 3.983, 148.518

43, 3.983, 148.518

33, 3.983, 148.518

23, 3.983, 148.518

13, 3.983, 148.518

3, 3.983, 148.518

93, 3.983, 148.518

93, 3.983, 148.518

91, 17.606,
147.788

95, 9.433, 328.966

89, 31.285,
147.005

96, 11.377,
324.810

87, 44.827,
146.098

86, 57.984,
145.048

85, 70.458,
143.847

84, 81.913,
142.502

83, 91.990,
141.046

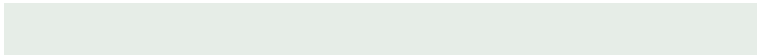
83, 100.333,
139.552

■ 82, 106.626,
138.135

Harmonies

Complementary

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



93, 3.983, 148.518



92, 4.005, 328.703

Rectangle

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



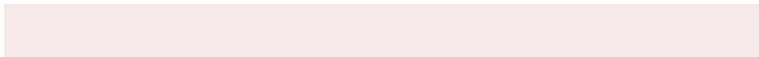
93, 3.983, 148.518



93, 3.983, 198.518



93, 3.983, 328.518



93, 3.983, 18.518

Sweetspot

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



93, 3.985, 148.516



100, 1.422, 148.798



93, 3.610, 115.181



53, 0.808, 148.814



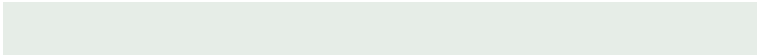
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

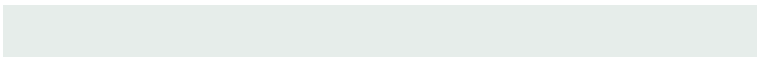
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 3.985, 148.516



99, 5.733, 148.428



93, 2.815, 171.428



49, 3.808, 148.374



64, 89.300, 137.524



18, 35.546, 140.897

Inverse Universe

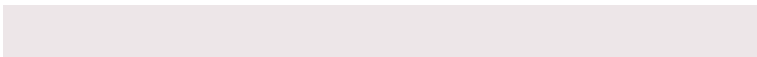
The Inverse Universe completely reimagines the original color for something new.



92, 4.005, 328.703



97, 5.755, 328.787



92, 2.846, 351.596



48, 3.821, 328.839



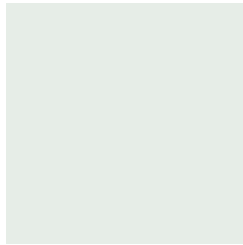
42, 79.929, 334.861



9, 34.785, 333.759

Previews

White Background



This preview shows how the CIELCh color 93, 3.983, 148.518 looks on a white background.

Color Contrast Check

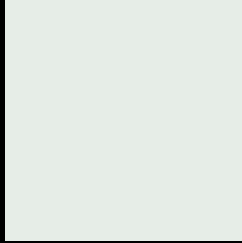
Large Text (above 18pt) WCAG AA × Fail

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, 3.983, 148.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

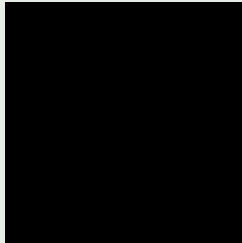
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

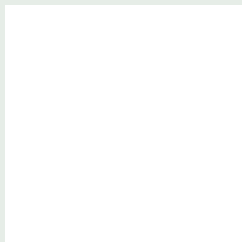
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.983, 148.518

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.983, 148.518.




This preview shows how white text looks on a background with the CIELCh color 93, 3.983, 148.518.

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](#).

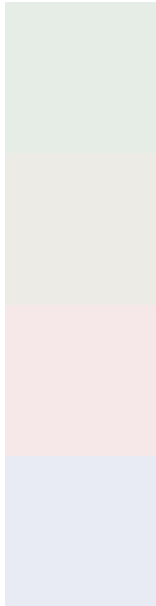
Dichromacy





Tritanopia
93, 9.296, 288.801

Trichromacy



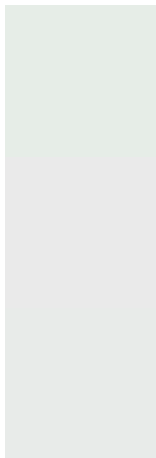
Original Color
93, 3.983, 148.518

Protanomaly
93, 2.585, 101.995

Deuteranomaly
93, 5.419, 14.226

Tritanomaly
93, 4.749, 277.870

Monochromacy



Original Color
93, 3.983, 148.518

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.483, 155.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.983, 148.518 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(230, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 237, 231)  
}
```

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(230, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 237, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.983, 148.518 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(230, 237, 231) }
```

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

```
.border{ border-color:rgb(230, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 237,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.983, 148.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 237, 231) }
```

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

```
.background{ background-color: rgb(230,  
237, 231) }
```

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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