

Converting Colors

CIE LCh(93, 3.146, 162.605)

Have a look what the booklet for
CIELCh(93, 3.146, 162.605) contains.

CIELCh(93, 3.237, 159.901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 3.237, 159.901)

Conversions

Conversions Part 1

Format	Color
Hex	E6EDE9
RGB	230, 237, 233
RGB Percent	90%, 93%, 91%
CMY	0.0995, 0.0721, 0.0878
CMYK	0.03, 0.00, 0.02, 0.07
HSL	146°, 16%, 91%
HSV	146°, 3%, 93%
XYZ	77.3369, 82.9670, 88.7423
YIQ	234.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

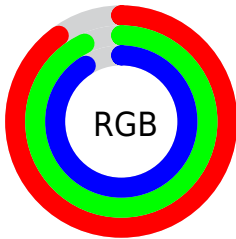
Format	Color
R _Y B	230, 235, 237
Decimal	15134185
CIE Lab	93.00, -3.04, 1.11
CIE LCh	93, 3.237, 159.901
Yxy	82.9670, 0.3105, 0.3331
Android (android.graphics.Color)	4293324265 (0xFFE6EDE9)
YUV	234.4510, -0.7153, -3.9035
Hunter-Lab	91.0862, -7.8453, 5.9961

Details

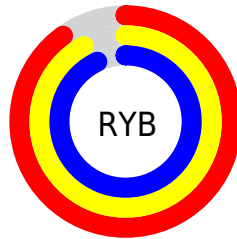
The CIELCh color **93, 3.237, 159.901** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 3.263, 340.078**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.130, 155.540** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.255, 158.966**, and if you desaturate by 10%, it is **95, 7.690, 340.436**.

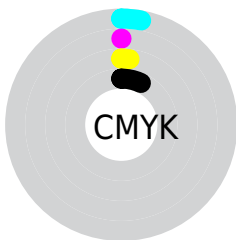
Distribution



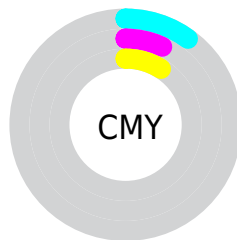
- Red (90%)
- Green (93%)
- Blue (91%)



- Red (90%)
- Yellow (92%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.237, 159.901 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, 3.237, 159.901 by changing the saturation by 10% instead.

■ 93, 3.237, 159.901

■ 93, 3.237, 159.901

■ 100, 3.237,
159.901

■ 83, 3.237, 159.901

■ 73, 3.237, 159.901

■ 63, 3.237, 159.901

■ 53, 3.237, 159.901

■ 43, 3.237, 159.901

■ 33, 3.237, 159.901

■ 23, 3.237, 159.901

■ 13, 3.237, 159.901

■ 3, 3.237, 159.901

93, 3.237, 159.901

93, 3.237, 159.901

91, 14.255,
158.966

95, 7.690, 340.436

89, 25.240,
158.031

96, 11.466,
324.813

88, 36.042,
156.981

86, 46.485,
155.789

85, 56.377,
154.429

84, 65.525,
152.878

84, 73.764,
151.118

83, 80.988,
149.150

■ 83, 87.170,
146.997

Harmonies

Complementary

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



93, 3.237, 159.901



92, 3.263, 340.078

Rectangle

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



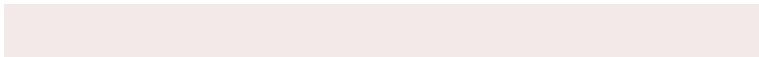
93, 3.237, 159.901



93, 3.237, 209.901



93, 3.237, 339.901



93, 3.237, 29.901

Sweetspot

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



93, 3.239, 159.890



100, 1.157, 160.302



93, 3.752, 125.993



53, 0.657, 160.326



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, 3.239, 159.890



99, 4.658, 159.772



93, 2.484, 192.534



49, 3.093, 159.701



65, 73.799, 145.859



19, 29.102, 149.787

Inverse Universe

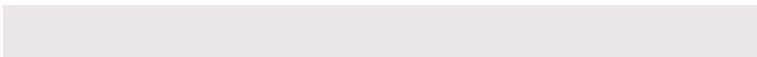
The Inverse Universe completely reimagines the original color for something new.



92, 3.263, 340.078



97, 4.690, 340.194



92, 2.528, 12.496



48, 3.115, 340.265



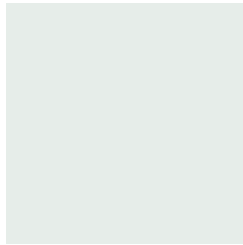
39, 66.817, 355.328



8, 29.423, 349.971

Previews

White Background



This preview shows how the CIELCh color 93, 3.237, 159.901 looks on a white background.

Color Contrast Check

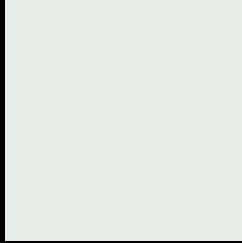
Large Text (above 18pt) WCAG AA × Fail

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, 3.237, 159.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

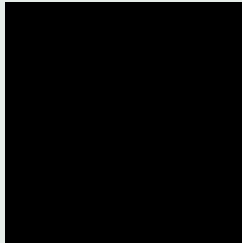
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

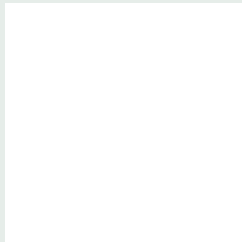
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.237, 159.901

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.237, 159.901.

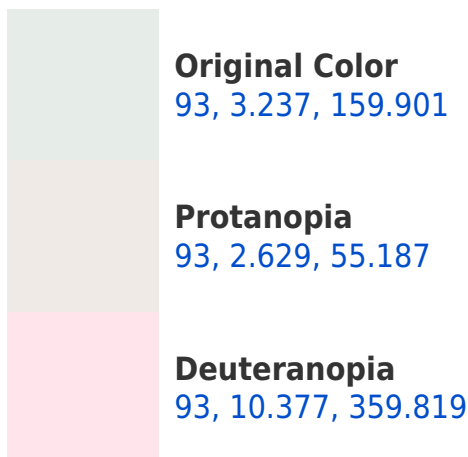



This preview shows how white text looks on a background with the CIELCh color 93, 3.237, 159.901.

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](#).

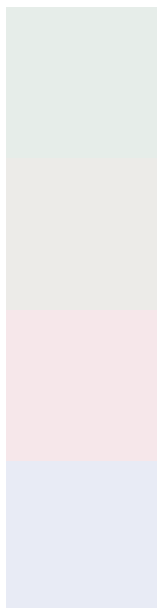
Dichromacy





Tritanopia
93, 9.296, 288.801

Trichromacy



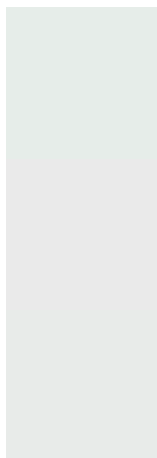
Original Color
93, 3.237, 159.901

Protanomaly
93, 1.571, 96.900

Deuteranomaly
93, 5.605, 3.707

Tritanomaly
93, 5.252, 279.164

Monochromacy



Original Color
93, 3.237, 159.901

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, 3.237, 159.901 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(230, 237, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 237, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.237, 159.901 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, 233) }
```

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

```
.border{ border-color:rgb(230, 237, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 237,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.237, 159.901 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, 233) }
```

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

```
.background{ background-color: rgb(230,  
237, 233) }
```

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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