

Converting Colors

CIELCh(93, 2.785, 185.128)

Have a look what the booklet for
CIELCh(93, 2.785, 185.128) contains.

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Color

CIELCh(93, 3.012, 179.398)

Conversions

Conversions Part 1

Format	Color
Hex	E5EDEB
RGB	229, 237, 235
RGB Percent	90%, 93%, 92%
CMY	0.1032, 0.0718, 0.0797
CMYK	0.03, 0.00, 0.01, 0.07
HSL	165°, 18%, 91%
HSV	165°, 3%, 93%
XYZ	77.3508, 82.9670, 90.2914
YIQ	234.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

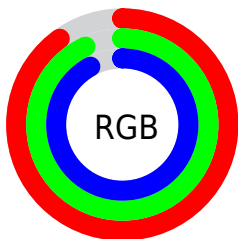
Format	Color
R _Y B	229, 234, 237
Decimal	15068651
CIE Lab	93.00, -3.01, 0.03
CIE LCh	93, 3.012, 179.398
Yxy	82.9670, 0.3087, 0.3311
Android (android.graphics.Color)	4293258731 (0xFFE5EDEB)
YUV	234.3800, 0.3057, -4.7183
Hunter-Lab	91.0862, -7.8180, 4.9878

Details

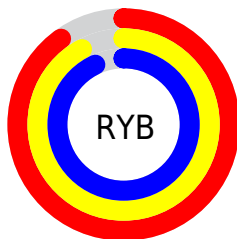
The CIELCh color **93, 3.012, 179.398** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 3.057, 359.622**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.823, 176.769** is the 20% darker color. If you saturate the color by 10%, you get **91, 11.825, 178.294**, and if you desaturate by 10%, it is **95, 5.949, 359.979**.

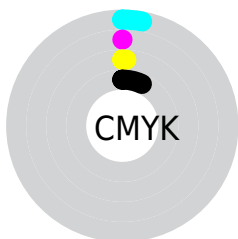
Distribution



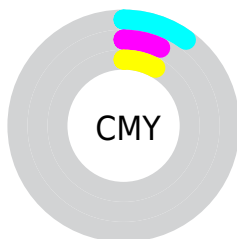
- Red (90%)
- Green (93%)
- Blue (92%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.012, 179.398 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, 3.012, 179.398 by changing the saturation by 10% instead.

■ 93, 3.012, 179.398

■ 93, 3.012, 179.398

■ 100, 3.012,
179.398

■ 83, 3.012, 179.398

■ 73, 3.012, 179.398

■ 63, 3.012, 179.398

■ 53, 3.012, 179.398

■ 43, 3.012, 179.398

■ 33, 3.012, 179.398

■ 23, 3.012, 179.398

■ 13, 3.012, 179.398

■ 3, 3.012, 179.398

93, 3.012, 179.398

93, 3.012, 179.398

91, 11.825,
178.294

95, 5.949, 359.979

90, 20.364,
177.275

95, 8.250, 342.202

88, 28.491,
176.194

95, 10.383,
328.879

87, 36.055,
175.025

96, 11.427,
324.812

86, 42.907,
173.746

85, 48.913,
172.332

85, 53.981,
170.758

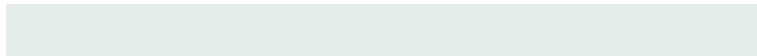
84, 58.077,
169.002

■ 84, 61.255,
167.054

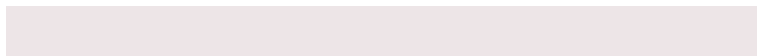
Harmonies

Complementary

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



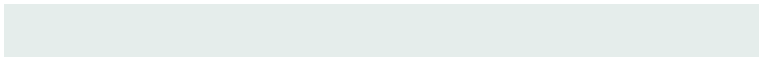
93, 3.012, 179.398



91, 3.057, 359.622

Rectangle

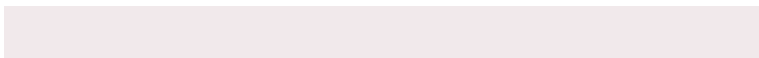
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



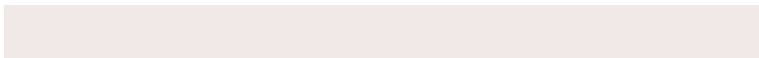
93, 3.012, 179.398



93, 3.012, 229.398



93, 3.012, 359.398



93, 3.012, 49.398

Sweetspot

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



93, 3.014, 179.372



100, 0.945, 180.029



93, 4.636, 136.683



53, 0.537, 180.066



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, 3.014, 179.372



99, 3.787, 179.284



93, 2.349, 223.800



49, 2.512, 179.195



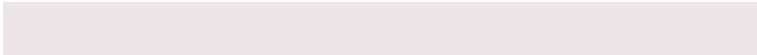
66, 51.253, 166.080



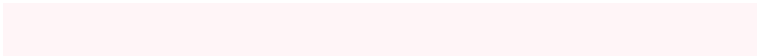
19, 20.943, 169.506

Inverse Universe

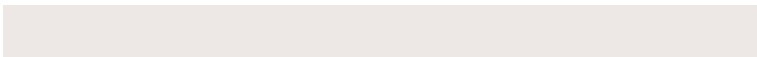
The Inverse Universe completely reimagines the original color for something new.



91, 3.057, 359.622



97, 3.847, 359.711



92, 2.390, 43.033



48, 2.557, 359.802



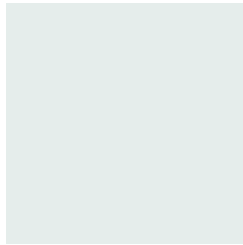
38, 69.591, 25.353



7, 27.831, 12.064

Previews

White Background



This preview shows how the CIE LCh color 93, 3.012, 179.398 looks on a white background.

Color Contrast Check

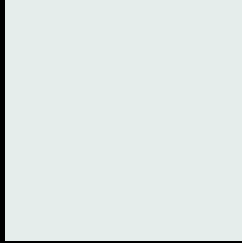
Large Text (above 18pt) WCAG AA × Fail

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, 3.012, 179.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

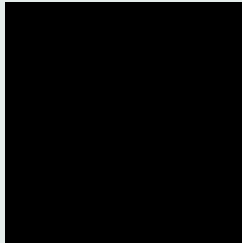
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

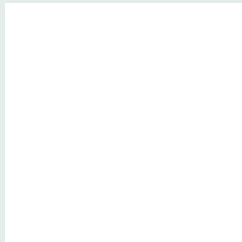
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.012, 179.398

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.012, 179.398.

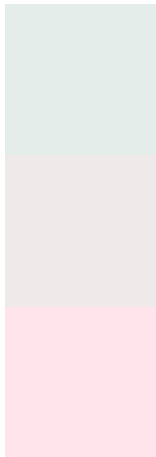


This preview shows how white text looks on a background with the CIELCh color 93, 3.012, 179.398.

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, 3.012, 179.398

Protanopia

93, 1.849, 35.332

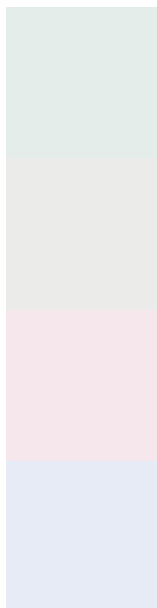
Deuteranopia

93, 10.556, 357.190



Tritanopia
93, 9.310, 286.694

Trichromacy



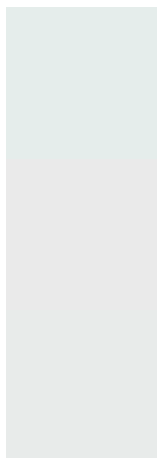
Original Color
93, 3.012, 179.398

Protanomaly
93, 0.504, 109.994

Deuteranomaly
93, 5.645, 352.556

Tritanomaly
93, 5.824, 276.886

Monochromacy



Original Color
93, 3.012, 179.398

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.181, 174.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.012, 179.398 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(229, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(229, 237, 235)  
}
```

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(229, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 237, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.012, 179.398 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(229, 237, 235) }
```

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

```
.border{ border-color:rgb(229, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 237,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.012, 179.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 237, 235) }
```

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

```
.background{ background-color: rgb(229,  
237, 235) }
```

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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