

Converting Colors

CIE LCh(93, 1.805, 324.445)

Have a look what the booklet for
CIELCh(93, 1.805, 324.445) contains.

CIELCh(93, 1.896, 324.357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(93, 1.896, 324.357)

Conversions

Conversions Part 1

Format	Color
Hex	EDEAED
RGB	237, 234, 237
RGB Percent	93%, 92%, 93%
CMY	0.0706, 0.0823, 0.0706
CMYK	0.00, 0.01, 0.00, 0.07
HSL	300°, 8%, 92%
HSV	300°, 1%, 93%
XYZ	79.6361, 82.9670, 91.9397
YIQ	235.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

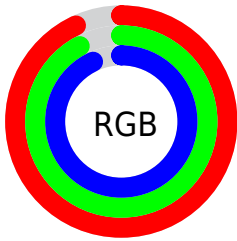
Format	Color
R _Y B	237, 234, 237
Decimal	15592173
CIE Lab	93.00, 1.54, -1.10
CIE LCh	93, 1.896, 324.357
Yxy	82.9670, 0.3129, 0.3259
Android (android.graphics.Color)	4293782253 (0xFFE0E0)
YUV	235.2390, 0.8682, 1.5444
Hunter-Lab	91.0862, -3.3396, 3.9148

Details

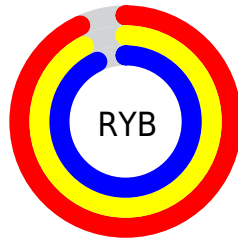
The CIELCh color `93, 1.896, 324.357` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 1.874, 144.527`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 1.993, 324.412` is the 20% darker color. If you saturate the color by 10%, you get `87, 16.925, 325.044`, and if you desaturate by 10%, it is `98, 11.204, 144.057`.

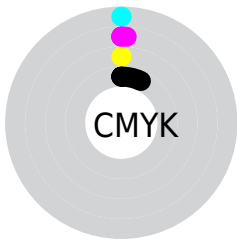
Distribution



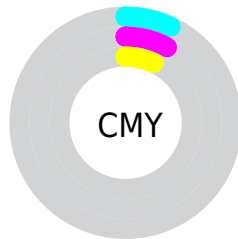
- Red (93%)
- Green (92%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 1.896, 324.357 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, 1.896, 324.357 by changing the saturation by 10% instead.

■ 93, 1.896, 324.357

■ 93, 1.896, 324.357

100, 1.896,
324.357

■ 83, 1.896, 324.357

■ 73, 1.896, 324.357

■ 63, 1.896, 324.357

■ 53, 1.896, 324.357

■ 43, 1.896, 324.357

■ 33, 1.896, 324.357

■ 23, 1.896, 324.357

■ 13, 1.896, 324.357

■ 3, 1.896, 324.357

93, 1.896, 324.357

93, 1.896, 324.357

87, 16.925,
325.044

98, 11.204,
144.057

82, 32.048,
325.601

98, 11.204,
144.056

76, 47.005,
326.140

98, 11.204,
144.054

71, 61.430,
326.647

98, 11.204,
144.053

67, 74.844,
327.107

98, 11.204,
144.052

63, 86.678,
327.503

98, 11.203,
144.051

60, 96.347,
327.819

98, 11.203,
144.049

58, 103.381,
328.044

98, 11.203,
144.048

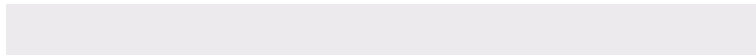
■ 57,107.592,
328.176

■ 98,11.203,
144.047

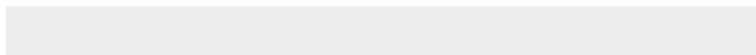
Harmonies

Complementary

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



93, 1.896, 324.357



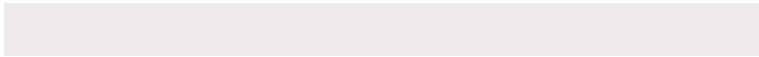
93, 1.874, 144.527

Rectangle

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



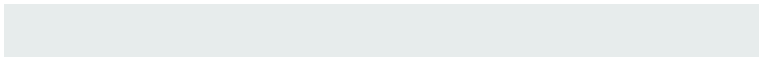
93, 1.896, 324.357



93, 1.896, 14.357



93, 1.896, 144.357



93, 1.896, 194.357

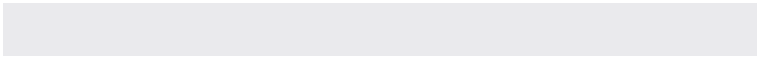
Sweetspot

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



93, 1.893, 324.356

100, 0.012, 296.813



93, 1.530, 289.686



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

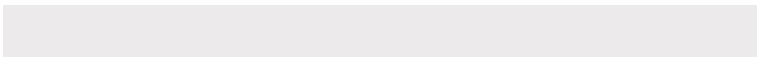
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 1.893, 324.356



99, 3.176, 324.454



93, 1.344, 342.528



49, 1.686, 324.442



43, 89.364, 328.231



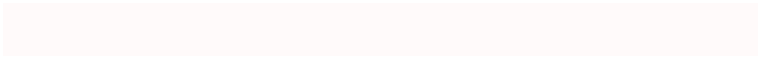
9, 38.267, 328.231

Inverse Universe

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



93, 1.066, 18.893



99, 1.795, 19.155



93, 1.327, 163.005



49, 0.953, 19.126



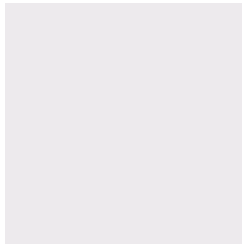
38, 80.846, 39.984



7, 28.535, 22.714

Previews

White Background



This preview shows how the CIE LCh color 93, 1.896, 324.357 looks on a white background.

Color Contrast Check

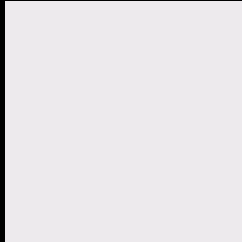
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIElCh color 93, 1.896, 324.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

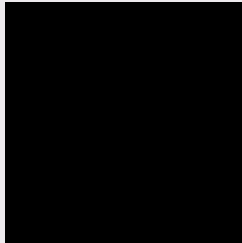
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

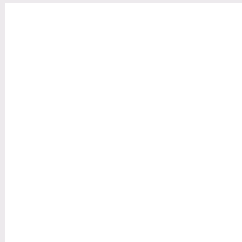
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 1.896, 324.357

Background



This preview shows how black text looks on a background with the CIELCh color 93, 1.896, 324.357.

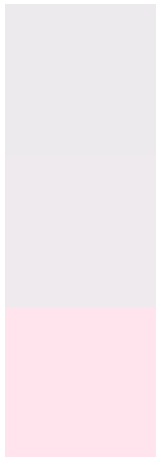


This preview shows how white text looks on a background with the CIELCh color 93, 1.896, 324.357.

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

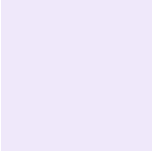
93, 1.896, 324.357

Protanopia

93, 2.119, 332.275

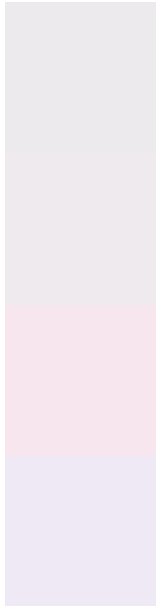
Deuteranopia

93, 10.979, 352.221



Tritanopia
93, 9.648, 305.455

Trichromacy



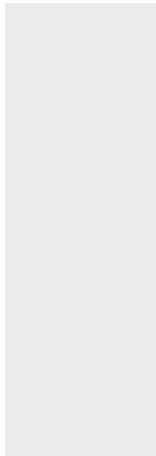
Original Color
93, 1.896, 324.357

Protanomaly
93, 2.119, 332.275

Deuteranomaly
93, 7.658, 347.328

Tritanomaly
93, 6.467, 306.327

Monochromacy



Original Color
93, 1.896, 324.357

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.639, 324.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 1.896, 324.357 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, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 237)  
}
```

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, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 1.896, 324.357 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, 234, 237) }
```

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

```
.border{ border-color:rgb(237, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 1.896, 324.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 237) }
```

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

```
.background{ background-color: rgb(237,  
234, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor