

Converting Colors

CIELCh(93, 1.805, 14.445)

Have a look what the booklet for
CIELCh(93, 1.805, 14.445) contains.

CIELCh(93, 1.782, 19.178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(93, 1.782, 19.178)

Conversions

Conversions Part 1

Format	Color
Hex	EFEAEA
RGB	239, 234, 234
RGB Percent	94%, 92%, 92%
CMY	0.0636, 0.0832, 0.0832
CMYK	0.00, 0.02, 0.02, 0.06
HSL	0°, 13%, 93%
HSV	0°, 2%, 94%
XYZ	79.7082, 82.9670, 89.4954
YIQ	235.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

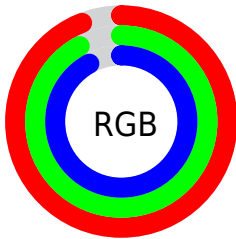
Format	Color
R _Y B	239, 234, 234
Decimal	15723242
CIE Lab	93.00, 1.68, 0.59
CIE LCh	93, 1.782, 19.178
Yxy	82.9670, 0.3161, 0.3290
Android (android.graphics.Color)	4293913322 (0xFFEFEEAE)
YUV	235.4950, -0.7370, 3.0739
Hunter-Lab	91.0862, -3.1982, 5.5059

Details

The CIELCh color **93, 1.782, 19.178** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 1.755, 199.715**, 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, 1.877, 19.293** is the 20% darker color. If you saturate the color by 10%, you get **87, 10.696, 20.213**, and if you desaturate by 10%, it is **99, 5.573, 199.171**.

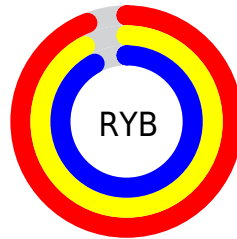
Distribution



Red (94%)

Green (92%)

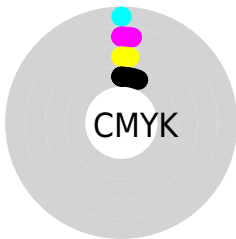
Blue (92%)



Red (94%)

Yellow (92%)

Blue (92%)

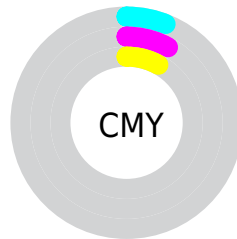


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (6%)



Cyan (6%)










Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 1.782, 19.178 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, 1.782, 19.178 by changing the saturation by 10% instead.

 93, 1.782, 19.178	 93, 1.782, 19.178
 100, 1.782, 19.178	 83, 1.782, 19.178
	 73, 1.782, 19.178
	 63, 1.782, 19.178
	 53, 1.782, 19.178
	 43, 1.782, 19.178
	 33, 1.782, 19.178
	 23, 1.782, 19.178
	 13, 1.782, 19.178
	 3, 1.782, 19.178

93, 1.782, 19.178

93, 1.782, 19.178

87, 10.696, 20.213

99, 5.573, 199.171

80, 20.327, 21.111

74, 30.670, 22.258

68, 41.651, 23.755

63, 53.100, 25.713

58, 64.731, 28.240

55, 76.135, 31.379

52, 86.706, 34.949

50, 95.192, 38.236

Harmonies

Complementary

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



93, 1.782, 19.178



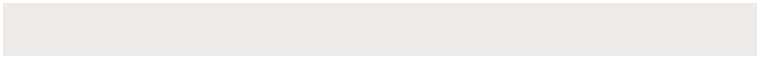
94, 1.755, 199.715

Rectangle

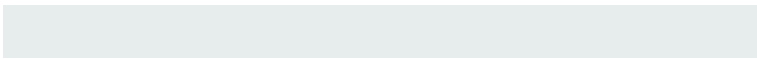
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



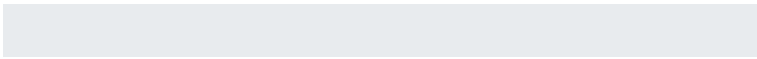
93, 1.782, 19.178



93, 1.782, 69.178



93, 1.782, 199.178



93, 1.782, 249.178

Sweetspot

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



93, 1.780, 19.245



99, 0.894, 18.794



93, 3.152, 324.464



53, 0.508, 18.752



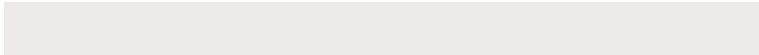
0, 0.000, 0.000



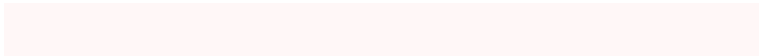
53, 0.007, 296.813

Same Dimension

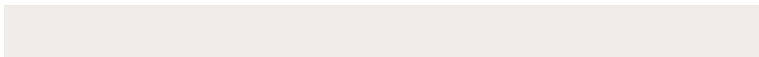
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 1.780, 19.245



98, 2.700, 19.408



94, 1.547, 74.895



49, 1.951, 19.507



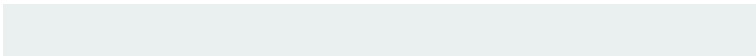
38, 81.692, 40.004



8, 29.819, 23.848

Inverse Universe

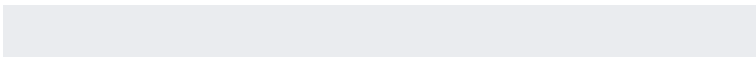
The Inverse Universe completely reimagines the original color for something new.



94, 1.755, 199.715



99, 2.648, 199.555



93, 1.556, 255.945



50, 1.905, 199.461



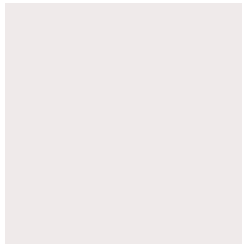
68, 39.112, 196.509



21, 17.077, 196.492

Previews

White Background



This preview shows how the CIE LCh color 93, 1.782, 19.178 looks on a white background.

Color Contrast Check

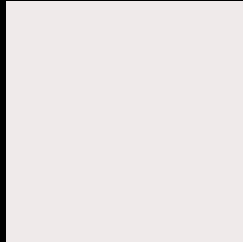
Large Text (above 18pt) WCAG AA × Fail

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, 1.782, 19.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

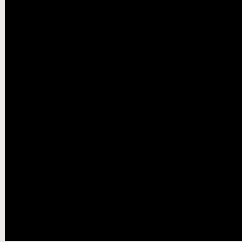
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

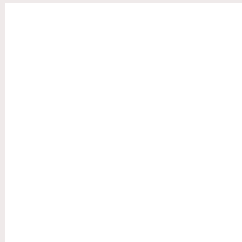
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 1.782, 19.178

Background



This preview shows how black text looks on a background with the CIELCh color 93, 1.782, 19.178.

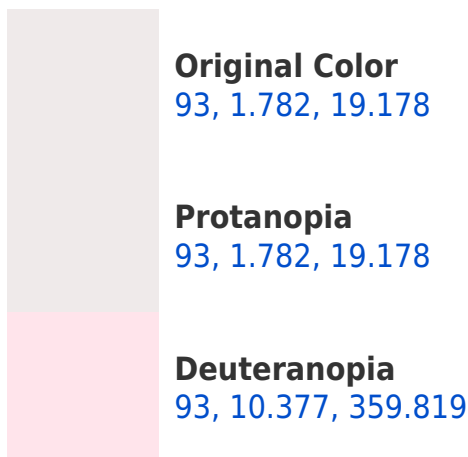


This preview shows how white text looks on a background with the CIELCh color 93, 1.782, 19.178.

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](#).

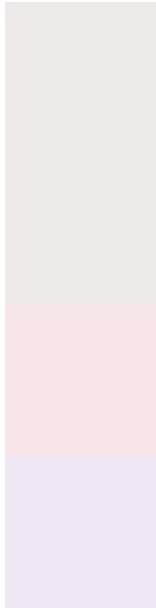
Dichromacy





Tritanopia
93, 10.463, 310.301

Trichromacy



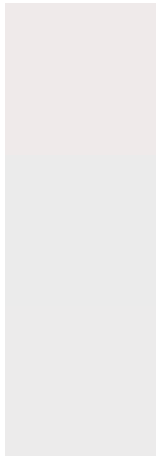
Original Color
93, 1.782, 19.178

Protanomaly
93, 1.782, 19.178

Deuteranomaly
93, 7.299, 359.211

Tritanomaly
93, 6.841, 314.844

Monochromacy



Original Color
93, 1.782, 19.178

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.356, 17.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 1.782, 19.178 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(239, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 234)  
}
```

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(239, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 1.782, 19.178 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(239, 234, 234) }
```

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

```
.border{ border-color:rgb(239, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 1.782, 19.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 234) }
```

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

```
.background{ background-color: rgb(239,  
234, 234) }
```

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