

Converting Colors

CIELCh(93, 0.639, 22.860)

Have a look what the booklet for
CIELCh(93, 0.639, 22.860) contains.

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Color

CIELCh(93, 0.712, 18.582)

Conversions

Conversions Part 1

Format	Color
Hex	ECEAEA
RGB	236, 234, 234
RGB Percent	93%, 92%, 92%
CMY	0.0728, 0.0806, 0.0806
CMYK	0.00, 0.01, 0.01, 0.07
HSL	0°, 5%, 92%
HSV	0°, 1%, 93%
XYZ	79.1980, 82.9670, 90.0102
YIQ	234.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

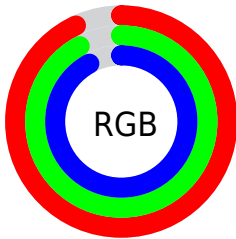
Format	Color
R _Y B	236, 234, 234
Decimal	15526634
CIE Lab	93.00, 0.67, 0.23
CIE LCh	93, 0.712, 18.582
Yxy	82.9670, 0.3141, 0.3290
Android (android.graphics.Color)	4293716714 (0xFFECEAEA)
YUV	234.5980, -0.2948, 1.2296
Hunter-Lab	91.0862, -4.1981, 5.1708

Details

The CIELCh color **93, 0.712, 18.582** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 0.704, 200.416**, 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, 0.749, 18.793** is the 20% darker color. If you saturate the color by 10%, you get **87, 9.457, 20.208**, and if you desaturate by 10%, it is **99, 6.367, 199.106**.

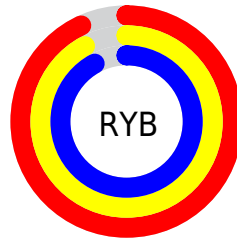
Distribution



Red (93%)

Green (92%)

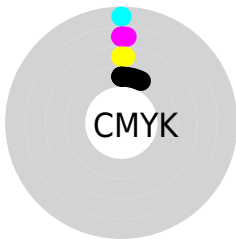
Blue (92%)



Red (93%)

Yellow (92%)

Blue (92%)

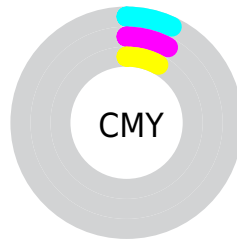


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 0.712, 18.582 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, 0.712, 18.582 by changing the saturation by 10% instead.



93, 0.712, 18.582

93, 0.712, 18.582

87, 9.457, 20.208

99, 6.367, 199.106

80, 18.910, 21.079

74, 29.073, 22.183

68, 39.885, 23.623

63, 51.190, 25.507

59, 62.723, 27.944

55, 74.096, 30.992

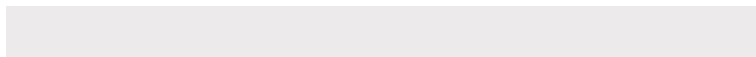
52, 84.747, 34.514

50, 93.561, 37.887

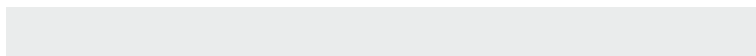
Harmonies

Complementary

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



93, 0.712, 18.582



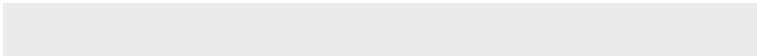
93, 0.704, 200.416

Rectangle

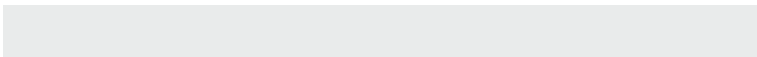
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



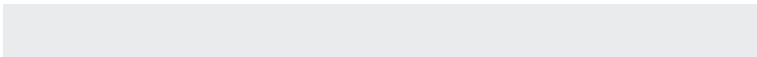
93, 0.712, 18.582



93, 0.712, 68.582



93, 0.712, 198.582



93, 0.712, 248.582

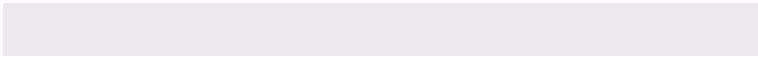
Sweetspot

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



93, 0.710, 18.746

100, 0.012, 296.813



93, 1.268, 324.258



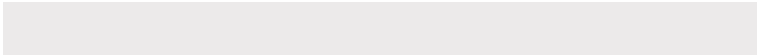
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

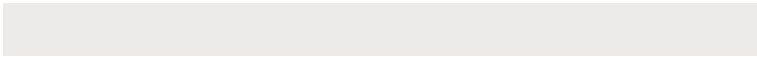
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 0.710, 18.746



99, 0.893, 18.894



93, 0.614, 74.639



49, 0.474, 18.845



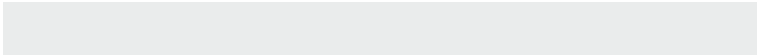
38, 80.819, 40.008



7, 28.493, 22.818

Inverse Universe

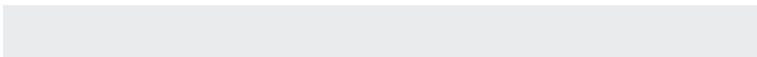
The Inverse Universe completely reimagines the original color for something new.



93, 0.704, 200.416



100, 0.884, 200.267



93, 0.629, 256.183



49, 0.470, 200.317



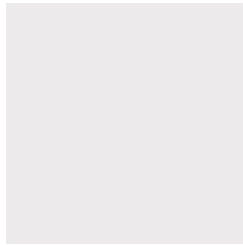
67, 38.640, 196.696



19, 16.553, 196.650

Previews

White Background



This preview shows how the CIELCh color 93, 0.712, 18.582 looks on a white background.

Color Contrast Check

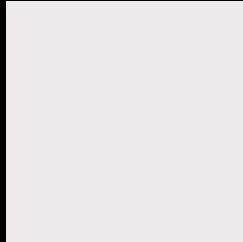
Large Text (above 18pt) WCAG AA × Fail

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, 0.712, 18.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

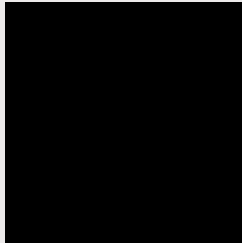
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

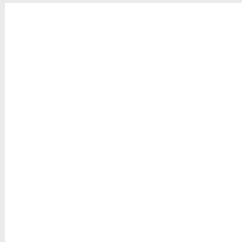
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 0.712, 18.582

Background



This preview shows how black text looks on a background with the CIELCh color 93, 0.712, 18.582.

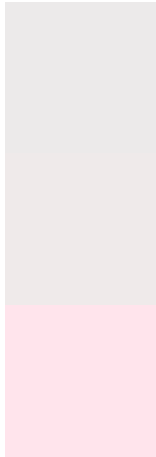


This preview shows how white text looks on a background with the CIELCh color 93, 0.712, 18.582.

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](#).

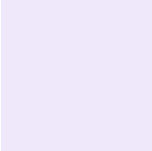
Dichromacy



Original Color
93, 0.712, 18.582

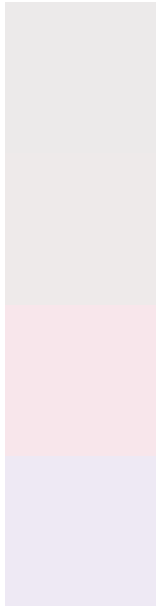
Protanopia
93, 1.782, 19.178

Deuteranopia
93, 10.556, 357.190



Tritanopia
93, 9.648, 305.455

Trichromacy



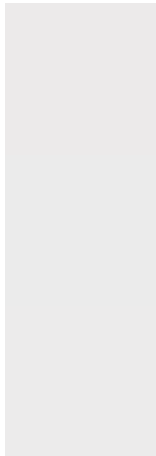
Original Color
93, 0.712, 18.582

Protanomaly
93, 1.425, 19.067

Deuteranomaly
93, 6.962, 358.126

Tritanomaly
93, 5.972, 307.653

Monochromacy



Original Color
93, 0.712, 18.582

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, 0.712, 18.582 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(236, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 234, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 0.712, 18.582 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(236, 234, 234) }
```

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

```
.border{ border-color:rgb(236, 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(236, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 234,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 0.712, 18.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 234, 234) }
```

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

```
.background{ background-color: rgb(236,  
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](#).

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