

Converting Colors

CIELCh(95, 1.786, 182.370)

Have a look what the booklet for
CIELCh(95, 1.786, 182.370) contains.

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Color

CIELCh(95, 1.833, 183.388)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F1
RGB	237, 242, 241
RGB Percent	93%, 95%, 95%
CMY	0.0717, 0.0521, 0.0560
CMYK	0.02, 0.00, 0.00, 0.05
HSL	168°, 16%, 94%
HSV	168°, 2%, 95%
XYZ	82.3268, 87.6183, 95.5636
YIQ	240.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

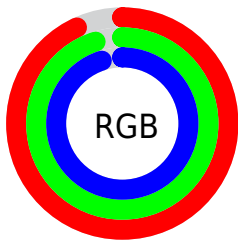
Format	Color
R _Y B	237, 240, 242
Decimal	15594225
CIE Lab	95.00, -1.83, -0.11
CIE LCh	95, 1.833, 183.388
Yxy	87.6183, 0.3101, 0.3300
Android (android.graphics.Color)	4293784305 (0xFFEDF2F1)
YUV	240.3910, 0.3002, -2.9739
Hunter-Lab	93.6047, -6.8146, 4.9925

Details

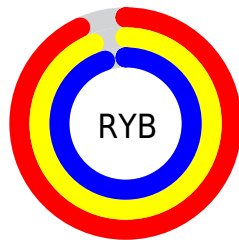
The CIELCh color **95, 1.833, 183.388** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 1.858, 3.074**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 1.926, 183.266** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.592, 182.170**, and if you desaturate by 10%, it is **97, 5.119, 357.072**.

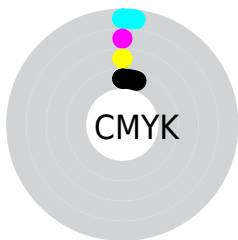
Distribution



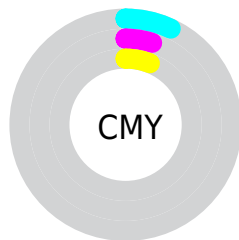
- Red (93%)
- Green (95%)
- Blue (95%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.833, 183.388 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 95, 1.833, 183.388 by changing the saturation by 10% instead.

95, 1.833, 183.388

95, 1.833, 183.388

100, 1.833,
183.388

85, 1.833, 183.388

75, 1.833, 183.388

65, 1.833, 183.388

55, 1.833, 183.388

45, 1.833, 183.388

35, 1.833, 183.388

25, 1.833, 183.388

15, 1.833, 183.388

5, 1.833, 183.388

95, 1.833, 183.388

95, 1.833, 183.388

93, 10.592,
182.170

97, 5.119, 357.072

92, 19.042,
181.194

97, 6.488, 336.495

97, 8.279, 324.692

90, 27.043,
180.177

89, 34.445,
179.093

88, 41.099,
177.922

87, 46.871,
176.642

87, 51.670,
175.229

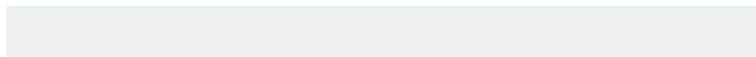
86, 55.459,
173.660

■ 86, 58.288,
171.917

Harmonies

Complementary

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



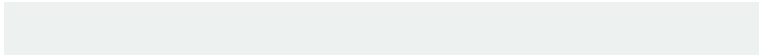
95, 1.833, 183.388



94, 1.858, 3.074

Rectangle

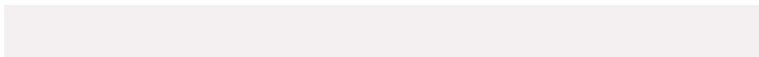
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



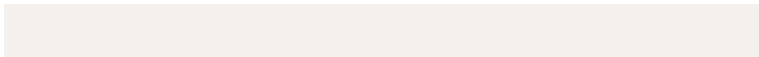
95, 1.833, 183.388



95, 1.833, 233.388



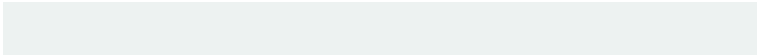
95, 1.833, 3.388



95, 1.833, 53.388

Sweetspot

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



95, 1.835, 183.339



100, 0.924, 183.775



95, 2.922, 138.301



53, 0.525, 183.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 1.835, 183.339



100, 1.852, 183.355



95, 1.448, 230.030



50, 1.001, 183.384



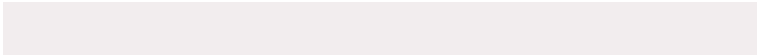
67, 48.610, 170.791



20, 20.485, 173.704

Inverse Universe

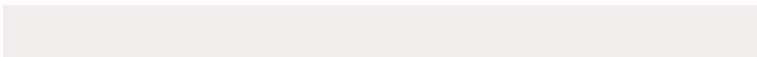
The Inverse Universe completely reimagines the original color for something new.



94, 1.858, 3.074



99, 1.875, 3.058



94, 1.456, 48.968



50, 1.013, 3.028



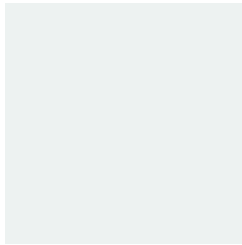
38, 72.565, 29.379



8, 29.001, 15.535

Previews

White Background



This preview shows how the CIE LCh color 95, 1.833, 183.388 looks on a white background.

Color Contrast Check

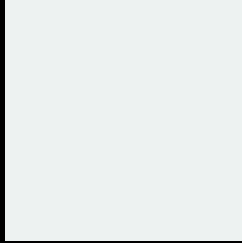
Large Text (above 18pt) WCAG AA × Fail

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 95, 1.833, 183.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

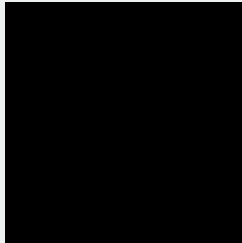
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

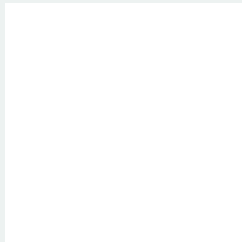
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.833, 183.388

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.833, 183.388.

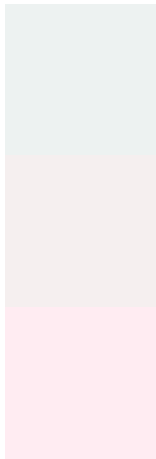


This preview shows how white text looks on a background with the CIELCh color 95, 1.833, 183.388.

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
95, 1.833, 183.388

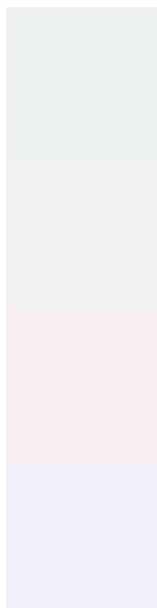
Protanopia
95, 2.131, 19.252

Deuteranopia
95, 7.455, 355.504



Tritanopia
95, 8.243, 293.212

Trichromacy



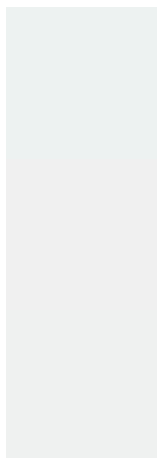
Original Color
95, 1.833, 183.388

Protanomaly
95, 0.708, 18.559

Deuteranomaly
95, 4.117, 349.648

Tritanomaly
95, 5.151, 286.733

Monochromacy



Original Color
95, 1.833, 183.388

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.870, 164.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.833, 183.388 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, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 241)  
}
```

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, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.833, 183.388 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, 242, 241) }
```

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

```
.border{ border-color:rgb(237, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.833, 183.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 241) }
```

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

```
.background{ background-color: rgb(237,  
242, 241) }
```

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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