

Converting Colors

CIELCh(95, 1.377, 271.588)

Have a look what the booklet for
CIELCh(95, 1.377, 271.588) contains.

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Color

CIELCh(95, 1.243, 255.962)

Conversions

Conversions Part 1

Format	Color
Hex	EFF1F3
RGB	239, 241, 243
RGB Percent	94%, 95%, 95%
CMY	0.0633, 0.0554, 0.0476
CMYK	0.02, 0.01, 0.00, 0.05
HSL	210°, 14%, 94%
HSV	210°, 2%, 95%
XYZ	83.1213, 87.6183, 97.2162
YIQ	240.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

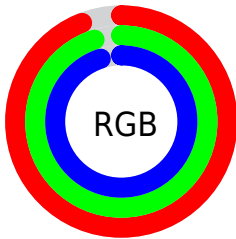
Format	Color
R _Y B	239, 240, 243
Decimal	15725043
CIE Lab	95.00, -0.30, -1.21
CIE LCh	95, 1.243, 255.962
Yxy	87.6183, 0.3102, 0.3270
Android (android.graphics.Color)	4293915123 (0xFFEFF1F3)
YUV	240.6300, 1.1684, -1.4295
Hunter-Lab	93.6047, -5.2996, 3.9457

Details

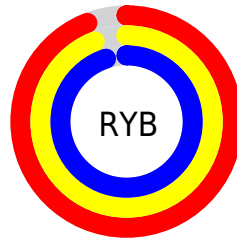
The CIELCh color **95, 1.243, 255.962** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 1.230, 74.766**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 1.303, 255.945** is the 20% darker color. If you saturate the color by 10%, you get **90, 8.697, 256.914**, and if you desaturate by 10%, it is **99, 5.171, 101.820**.

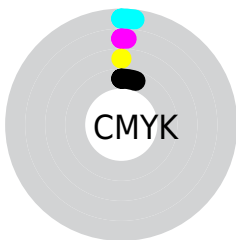
Distribution



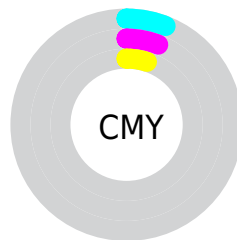
- Red (94%)
- Green (95%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.243, 255.962 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, 1.243, 255.962 by changing the saturation by 10% instead.

95, 1.243, 255.962

95, 1.243, 255.962

100, 1.243,
255.962

85, 1.243, 255.962

75, 1.243, 255.962

65, 1.243, 255.962

55, 1.243, 255.962

45, 1.243, 255.962

35, 1.243, 255.962

25, 1.243, 255.962

15, 1.243, 255.962

5, 1.243, 255.962

95, 1.243, 255.962

95, 1.243, 255.962

90, 8.697, 256.914

99, 5.171, 101.820

85, 16.071,
258.499

100, 6.142,
109.706

81, 23.334,
260.406

76, 30.462,
262.685

72, 37.443,
265.398

67, 44.291,
268.597

63, 51.055,
272.302

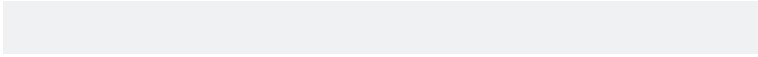
59, 57.826,
276.477

■ 55, 64.721,
280.995

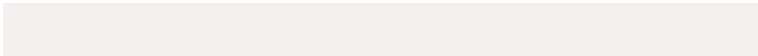
Harmonies

Complementary

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



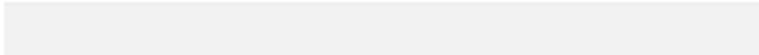
95, 1.243, 255.962



95, 1.230, 74.766

Rectangle

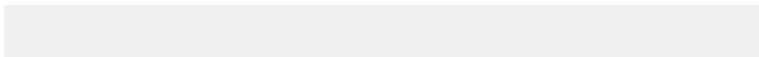
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



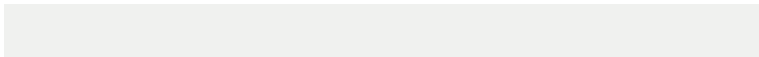
95, 1.243, 255.962



95, 1.243, 305.962



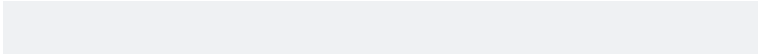
95, 1.243, 75.962



95, 1.243, 125.962

Sweetspot

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



95, 1.242, 255.854

100, 0.012, 296.813



95, 1.767, 162.893



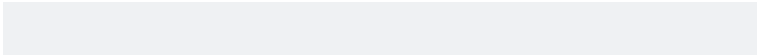
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

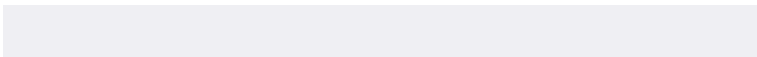
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 1.242, 255.854



99, 1.567, 255.838



95, 2.032, 289.712



51, 0.862, 255.840



40, 56.927, 283.998



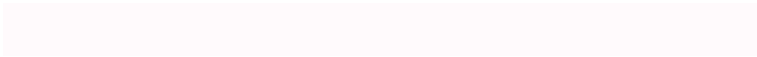
11, 22.129, 276.697

Inverse Universe

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



95, 1.766, 343.466



99, 2.230, 343.543



96, 2.003, 109.310



51, 1.226, 343.522



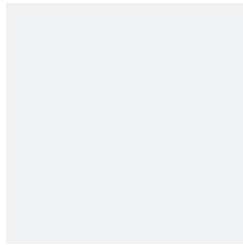
40, 66.907, 1.930



9, 30.266, 355.823

Previews

White Background



This preview shows how the CIE LCh color 95, 1.243, 255.962 looks on a white background.

Color Contrast Check

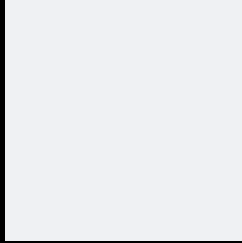
Large Text (above 18pt) WCAG AA × Fail

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, 1.243, 255.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

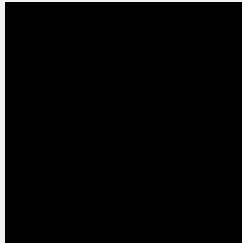
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

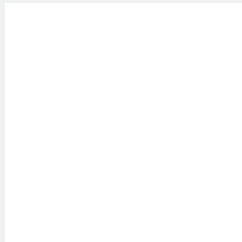
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.243, 255.962

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.243, 255.962.

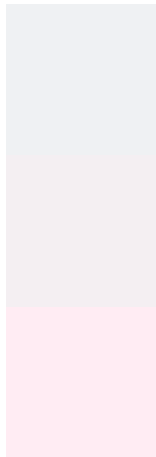


This preview shows how white text looks on a background with the CIELCh color 95, 1.243, 255.962.

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, 1.243, 255.962

Protanopia

95, 2.364, 338.603

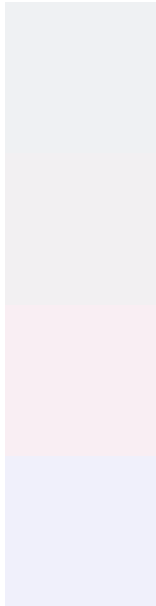
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 8.269, 295.594

Trichromacy



Original Color

95, 1.243, 255.962

Protanomaly

95, 1.262, 324.252

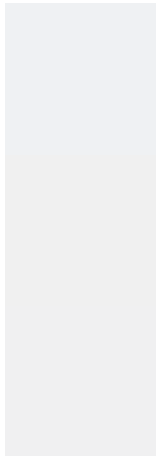
Deuteranomaly

95, 4.690, 346.448

Tritanomaly

95, 5.658, 290.628

Monochromacy



Original Color

95, 1.243, 255.962

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 0.524, 290.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.243, 255.962 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, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 243)  
}
```

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, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.243, 255.962 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, 241, 243) }
```

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

```
.border{ border-color:rgb(239, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.243, 255.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 241, 243) }
```

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

```
.background{ background-color: rgb(239,  
241, 243) }
```

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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