

Converting Colors

CIE LCh(94, 1.900, 256.076)

Have a look what the booklet for
CIELCh(94, 1.900, 256.076) contains.

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Color

CIELCh(94, 1.862, 255.952)

Conversions

Conversions Part 1

Format	Color
Hex	EBEEF1
RGB	235, 238, 241
RGB Percent	92%, 93%, 95%
CMY	0.0779, 0.0661, 0.0544
CMYK	0.02, 0.01, 0.00, 0.05
HSL	210°, 18%, 93%
HSV	210°, 2%, 95%
XYZ	80.8165, 85.2715, 95.5244
YIQ	237.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

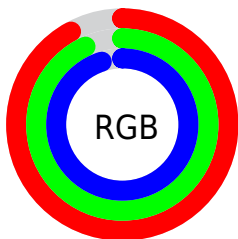
Format	Color
R _Y B	235, 237, 241
Decimal	15462129
CIE Lab	94.00, -0.45, -1.81
CIE LCh	94, 1.862, 255.952
Yxy	85.2715, 0.3089, 0.3259
Android (android.graphics.Color)	4293652209 (0xFFEBEEF1)
YUV	237.4450, 1.7526, -2.1443
Hunter-Lab	92.3426, -5.3797, 3.3069

Details

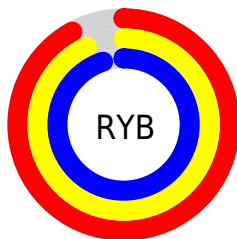
The CIELCh color `94, 1.862, 255.952` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 1.856, 74.819`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 1.954, 255.991` is the 20% darker color. If you saturate the color by 10%, you get `89, 9.269, 257.073`, and if you desaturate by 10%, it is `98, 4.886, 89.229`.

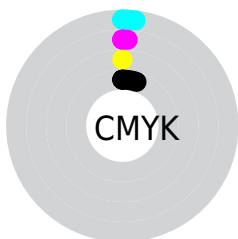
Distribution



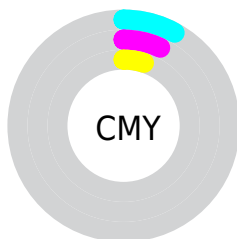
- Red (92%)
- Green (93%)
- Blue (95%)



- Red (92%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.862, 255.952 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 94, 1.862, 255.952 by changing the saturation by 10% instead.



94, 1.862, 255.952

94, 1.862, 255.952

89, 9.269, 257.073

98, 4.886, 89.229

85, 16.595,
258.683

100, 7.017,
109.642

80, 23.810,
260.618

75, 30.889,
262.930

71, 37.822,
265.681

66, 44.626,
268.919

62, 51.354,
272.663

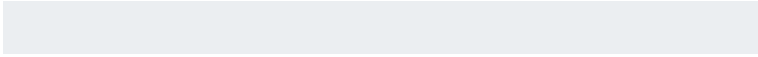
58, 58.099,
276.869

■ 54, 64.977,
281.403

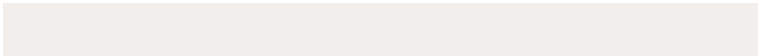
Harmonies

Complementary

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



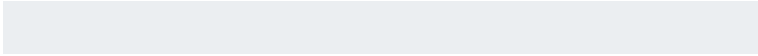
94, 1.862, 255.952



94, 1.856, 74.819

Rectangle

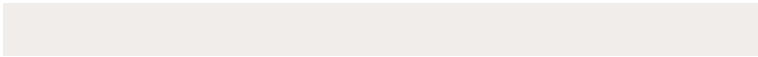
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



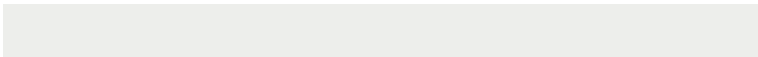
94, 1.862, 255.952



94, 1.862, 305.952



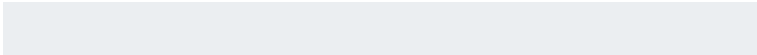
94, 1.862, 75.952



94, 1.862, 125.952

Sweetspot

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



94, 1.861, 255.881



99, 0.788, 256.030



95, 2.658, 162.737



53, 0.448, 256.053



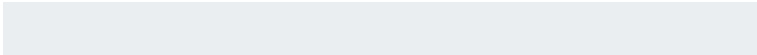
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

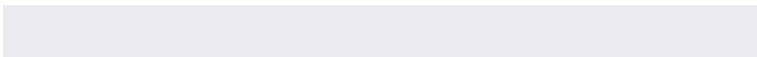
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.861, 255.881



98, 2.345, 255.908



93, 3.051, 289.783



49, 1.688, 255.969



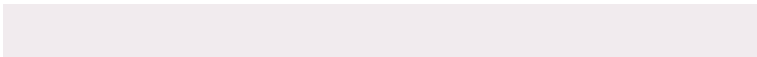
40, 56.330, 283.984



10, 21.353, 276.266

Inverse Universe

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



94, 2.651, 343.643



98, 3.345, 343.717



95, 3.013, 109.241



49, 2.412, 343.812



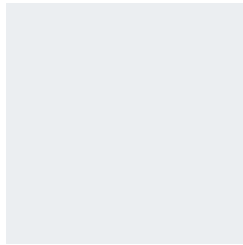
39, 66.226, 1.916



8, 29.450, 355.512

Previews

White Background



This preview shows how the CIELCh color 94, 1.862, 255.952 looks on a white background.

Color Contrast Check

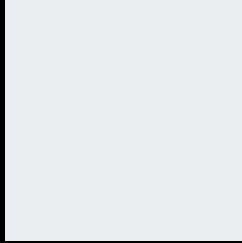
Large Text (above 18pt) WCAG AA × Fail

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 94, 1.862, 255.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

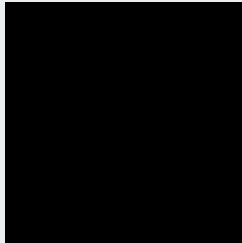
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

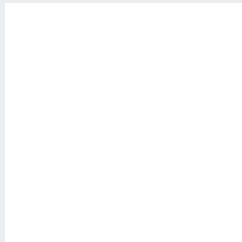
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.862, 255.952

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.862, 255.952.

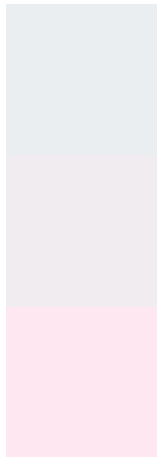


This preview shows how white text looks on a background with the CIELCh color 94, 1.862, 255.952.

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


94, 1.862, 255.952

Protanopia

94, 2.737, 330.528

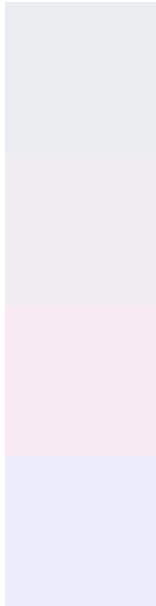
Deuteranopia

94, 10.279, 346.735



Tritanopia
94, 9.806, 292.949

Trichromacy



Original Color

94, 1.862, 255.952

Protanomaly

94, 1.716, 314.607

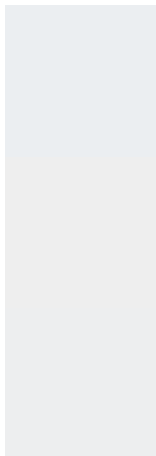
Deuteranomaly

94, 6.480, 340.362

Tritanomaly

94, 6.704, 287.758

Monochromacy



Original Color

94, 1.862, 255.952

Achromatopsia

94, 0.011, 296.813

Achromatomaly

94, 0.628, 256.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.862, 255.952 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(235, 238, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 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(235, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.862, 255.952 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(235, 238, 241) }
```

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

```
.border{ border-color:rgb(235, 238, 241) }
```

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

Here you see how a box with a 4 pixel rgb(235, 238, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.862, 255.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 241) }
```

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

```
.background{ background-color: rgb(235,  
238, 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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