

Converting Colors

CIELCh(94, 1.418, 222.091)

Have a look what the booklet for
CIELCh(94, 1.418, 222.091) contains.

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Color

CIELCh(94, 1.171, 226.007)

Conversions

Conversions Part 1

Format	Color
Hex	EBEEEE
RGB	235, 238, 239
RGB Percent	92%, 93%, 94%
CMY	0.0773, 0.0655, 0.0616
CMYK	0.02, 0.00, 0.00, 0.06
HSL	195°, 11%, 93%
HSV	195°, 2%, 94%
XYZ	80.6317, 85.2715, 94.0890
YIQ	237.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

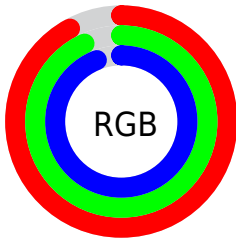
Format	Color
R _Y B	235, 237, 239
Decimal	15462127
CIE Lab	94.00, -0.81, -0.84
CIE LCh	94, 1.171, 226.007
Yxy	85.2715, 0.3101, 0.3280
Android (android.graphics.Color)	4293652207 (0xFFEBEEEE)
YUV	237.2170, 0.8790, -1.9443
Hunter-Lab	92.3426, -5.7370, 4.2285

Details

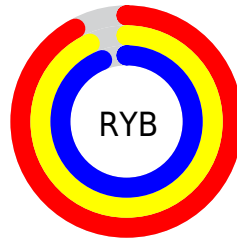
The CIELCh color `94, 1.171, 226.007` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 1.176, 44.711`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 1.229, 225.917` is the 20% darker color. If you saturate the color by 10%, you get `91, 7.976, 226.005`, and if you desaturate by 10%, it is `97, 4.584, 52.930`.

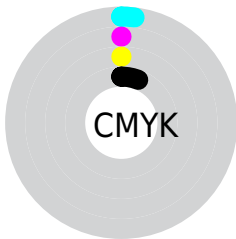
Distribution



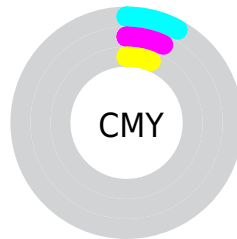
- Red (92%)
- Green (93%)
- Blue (94%)



- Red (92%)
- Yellow (93%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.171, 226.007 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, 1.171, 226.007 by changing the saturation by 10% instead.

■ 94, 1.171, 226.007

■ 94, 1.171, 226.007

■ 100, 1.171,
226.007

■ 84, 1.171, 226.007

■ 74, 1.171, 226.007

■ 64, 1.171, 226.007

■ 54, 1.171, 226.007

■ 44, 1.171, 226.007

■ 34, 1.171, 226.007

■ 24, 1.171, 226.007

■ 14, 1.171, 226.007

■ 4, 1.171, 226.007

94, 1.171, 226.007

94, 1.171, 226.007

91, 7.976, 226.005

97, 4.584, 52.930

88, 14.413,
226.719

98, 5.788, 92.509

85, 20.390,
227.698

100, 7.956,
109.573

82, 25.810,
228.991

79, 30.579,
230.674

77, 34.623,
232.833

74, 37.909,
235.565

72, 40.465,
238.954

■ 70, 42.406,
243.046

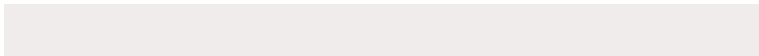
Harmonies

Complementary

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



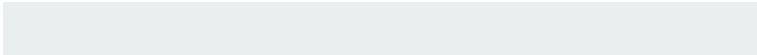
94, 1.171, 226.007



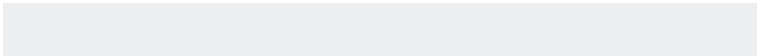
94, 1.176, 44.711

Rectangle

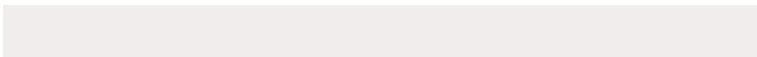
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



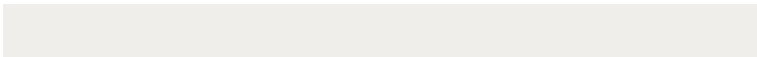
94, 1.171, 226.007



94, 1.171, 276.007



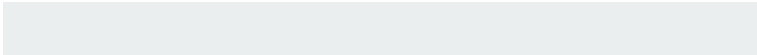
94, 1.171, 46.007



94, 1.171, 96.007

Sweetspot

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



94, 1.171, 225.887



100, 0.740, 226.196



94, 2.124, 151.786



53, 0.421, 226.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

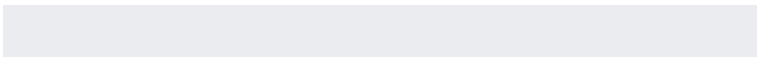
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.171, 225.887



99, 1.473, 225.817



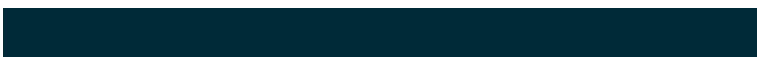
94, 1.561, 276.438



50, 0.796, 225.837



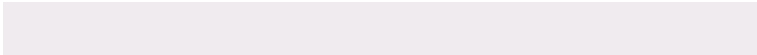
54, 35.704, 246.017



15, 15.113, 238.679

Inverse Universe

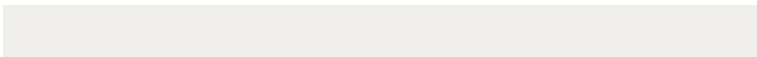
The Inverse Universe completely reimagines the original color for something new.



94, 2.119, 332.236



99, 2.667, 332.287



94, 1.540, 95.752



50, 1.441, 332.271



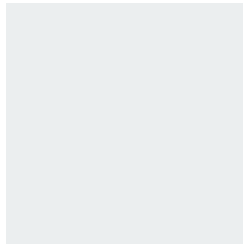
41, 74.638, 341.285



9, 33.400, 339.042

Previews

White Background



This preview shows how the CIE LCh color 94, 1.171, 226.007 looks on a white background.

Color Contrast Check

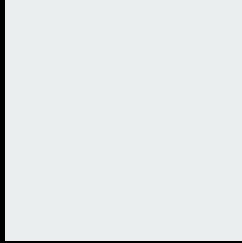
Large Text (above 18pt) WCAG AA × Fail

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, 1.171, 226.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

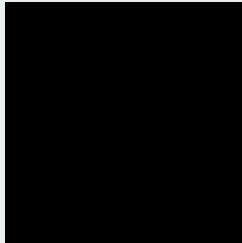
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

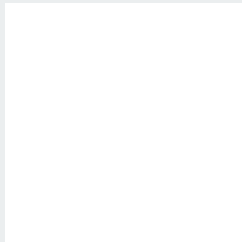
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.171, 226.007

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.171, 226.007.




This preview shows how white text looks on a background with the CIELCh color 94, 1.171, 226.007.

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](#).

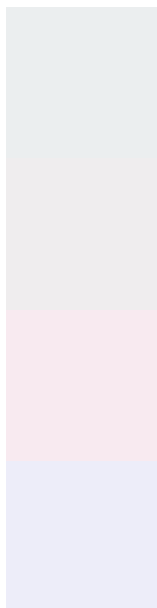
Dichromacy





Tritanopia
94, 9.829, 294.947

Trichromacy



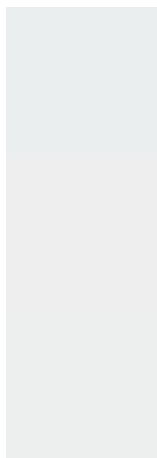
Original Color
94, 1.171, 226.007

Protanomaly
94, 0.888, 343.197

Deuteranomaly
94, 5.883, 348.100

Tritanomaly
94, 6.186, 290.671

Monochromacy



Original Color
94, 1.171, 226.007

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.352, 201.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.171, 226.007 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.171, 226.007 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, 239) }
```

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

```
.border{ border-color:rgb(235, 238, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.171, 226.007 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, 239) }
```

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

```
.background{ background-color: rgb(235,  
238, 239) }
```

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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