

Converting Colors

CIELCh(94, 4.887, 237.204)

Have a look what the booklet for
CIELCh(94, 4.887, 237.204) contains.

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Color

CIELCh(94, 4.844, 231.441)

Conversions

Conversions Part 1

Format	Color
Hex	E4F0F5
RGB	228, 240, 245
RGB Percent	89%, 94%, 96%
CMY	0.1065, 0.0595, 0.0399
CMYK	0.07, 0.02, 0.00, 0.04
HSL	198°, 46%, 93%
HSV	198°, 7%, 96%
XYZ	79.5095, 85.2715, 98.5211
YIQ	236.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

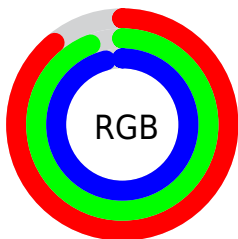
Format	Color
R _Y B	228, 235, 245
Decimal	15003893
CIE Lab	94.00, -3.02, -3.79
CIE LCh	94, 4.844, 231.441
Yxy	85.2715, 0.3020, 0.3239
Android (android.graphics.Color)	4293193973 (0xFFE4F0F5)
YUV	236.9820, 3.9529, -7.8772
Hunter-Lab	92.3426, -7.9061, 1.3828

Details

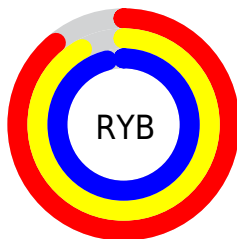
The CIELCh color `94, 4.844, 231.441` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 5.025, 50.245`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 4.769, 233.874` is the 20% darker color. If you saturate the color by 10%, you get `91, 11.557, 232.220`, and if you desaturate by 10%, it is `98, 2.165, 50.333`.

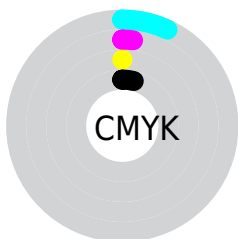
Distribution



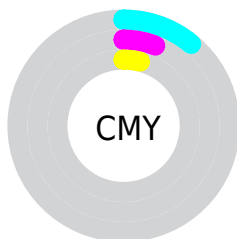
- Red (89%)
- Green (94%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.844, 231.441 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, 4.844, 231.441 by changing the saturation by 10% instead.

94, 4.844, 231.441

94, 4.844, 231.441

100, 4.844,
231.441

84, 4.844, 231.441

74, 4.844, 231.441

64, 4.844, 231.441

54, 4.844, 231.441

44, 4.844, 231.441

34, 4.844, 231.441

24, 4.844, 231.441

14, 4.844, 231.441

4, 4.844, 231.441

94, 4.844, 231.441

94, 4.844, 231.441

91, 11.557,
232.220

98, 2.165, 50.333

87, 17.894,
233.325

100, 4.760,
106.520

84, 23.769,
234.751

100, 5.143,
109.779

81, 29.097,
236.570

78, 33.807,
238.871

75, 37.859,
241.747

72, 41.271,
245.283

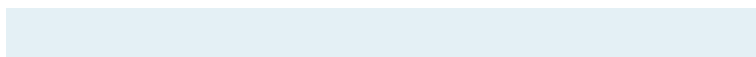
70, 44.137,
249.523

■ 68, 46.644,
254.413

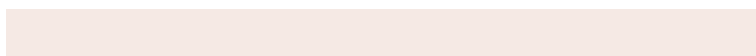
Harmonies

Complementary

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



94, 4.844, 231.441



93, 5.025, 50.245

Rectangle

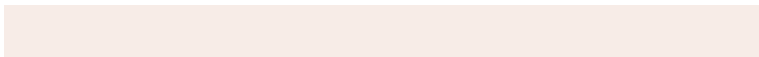
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



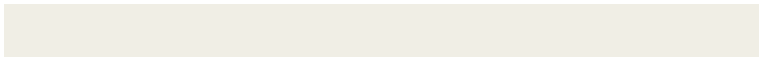
94, 4.844, 231.441



94, 4.844, 281.441



94, 4.844, 51.441



94, 4.844, 101.441

Sweetspot

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



94, 4.844, 231.413



99, 1.459, 231.350



95, 8.721, 153.189



53, 0.830, 231.365



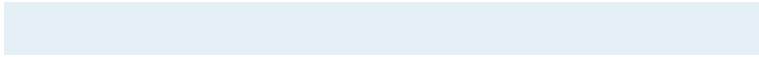
0, 0.000, 0.000



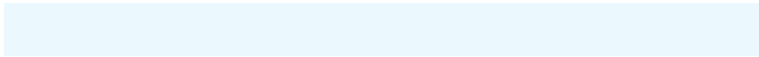
53, 0.007, 296.813

Same Dimension

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



94, 4.844, 231.413



97, 5.756, 231.481



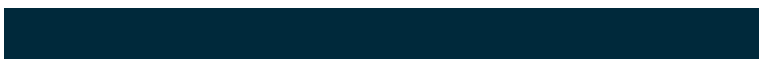
92, 6.989, 280.242



49, 3.943, 231.584



52, 38.299, 254.998



15, 16.152, 247.314

Inverse Universe

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



92, 8.693, 334.468



95, 10.361, 334.548



95, 6.927, 98.557



48, 7.129, 334.657



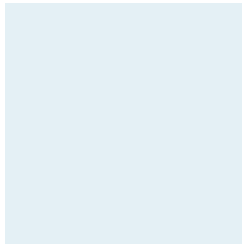
41, 73.147, 344.448



10, 33.380, 341.709

Previews

White Background



This preview shows how the CIELCh color 94, 4.844, 231.441 looks on a white background.

Color Contrast Check

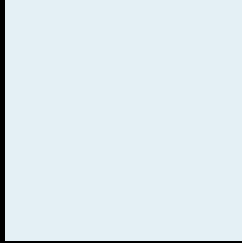
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 4.844, 231.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

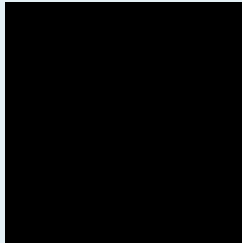
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

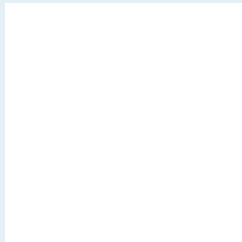
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.844, 231.441

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.844, 231.441.

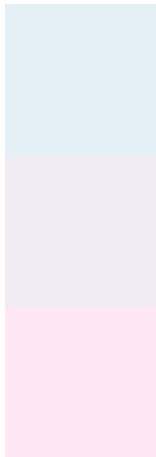


This preview shows how white text looks on a background with the CIELCh color 94, 4.844, 231.441.

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

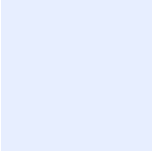
94, 4.844, 231.441

Protanopia

94, 3.895, 311.602

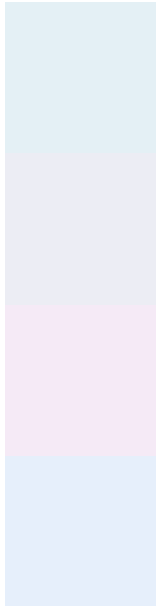
Deuteranopia

94, 11.519, 338.149



Tritanopia
94, 9.029, 275.554

Trichromacy



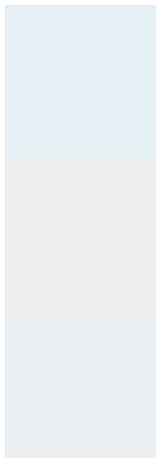
Original Color
94, 4.844, 231.441

Protanomaly
94, 3.624, 284.953

Deuteranomaly
94, 7.334, 322.385

Tritanomaly
94, 6.853, 263.910

Monochromacy



Original Color
94, 4.844, 231.441

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.733, 236.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.844, 231.441 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(228, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 240, 245)  
}
```

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(228, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 240, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.844, 231.441 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(228, 240, 245) }
```

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

```
.border{ border-color:rgb(228, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 240,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.844, 231.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 240, 245) }
```

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

```
.background{ background-color: rgb(228,  
240, 245) }
```

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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