

Converting Colors

CIELCh(94, 5.078, 289.754)

Have a look what the booklet for
CIELCh(94, 5.078, 289.754) contains.

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Color

CIELCh(94, 5.156, 290.594)

Conversions

Conversions Part 1

Format	Color
Hex	EDEDF7
RGB	237, 237, 247
RGB Percent	93%, 93%, 97%
CMY	0.0707, 0.0706, 0.0314
CMYK	0.04, 0.04, 0.00, 0.03
HSL	240°, 38%, 95%
HSV	240°, 4%, 97%
XYZ	81.9816, 85.2715, 100.1166
YIQ	238.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

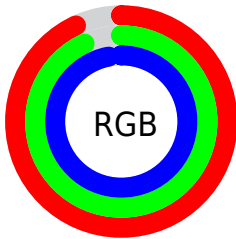
Format	Color
R _Y B	237, 237, 247
Decimal	15592951
CIE Lab	94.00, 1.81, -4.83
CIE LCh	94, 5.156, 290.594
Yxy	85.2715, 0.3066, 0.3189
Android (android.graphics.Color)	4293783031 (0xFFEDEF7)
YUV	238.1400, 4.3680, -0.9998
Hunter-Lab	92.3426, -3.1275, 0.3584

Details

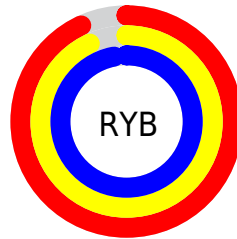
The CIELCh color `94, 5.156, 290.594` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.088, 109.758`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 5.421, 290.705` is the 20% darker color. If you saturate the color by 10%, you get `86, 18.224, 291.686`, and if you desaturate by 10%, it is `100, 4.056, 109.856`.

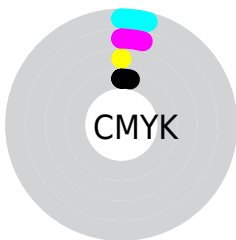
Distribution



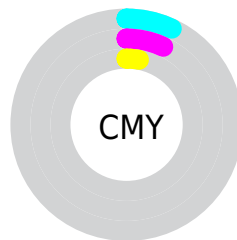
- Red (93%)
- Green (93%)
- Blue (97%)



- Red (93%)
- Yellow (93%)
- Blue (97%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.156, 290.594 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, 5.156, 290.594 by changing the saturation by 10% instead.

94, 5.156, 290.594

94, 5.156, 290.594

100, 5.156,
290.594

84, 5.156, 290.594

74, 5.156, 290.594

64, 5.156, 290.594

54, 5.156, 290.594

44, 5.156, 290.594

34, 5.156, 290.594

24, 5.156, 290.594

14, 5.156, 290.594

4, 5.156, 290.594

94, 5.156, 290.594

94, 5.156, 290.594

86, 18.224,
291.686

100, 4.056,
109.856

78, 31.852,
293.004

70, 46.078,
294.558

62, 60.916,
296.365

54, 76.293,
298.414

47, 91.901,
300.632

40, 106.912,
302.832

35, 119.657,
304.704

■ 32,127.907,
305.899

Harmonies

Complementary

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



94, 5.156, 290.594



97, 5.088, 109.758

Rectangle

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



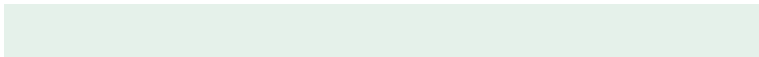
94, 5.156, 290.594



94, 5.156, 340.594



94, 5.156, 110.594



94, 5.156, 160.594

Sweetspot

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



94, 5.154, 290.579



99, 1.307, 290.319



96, 3.480, 197.959



53, 0.744, 290.317



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, 5.154, 290.579



96, 6.542, 290.676



94, 5.445, 308.641



49, 4.321, 290.746



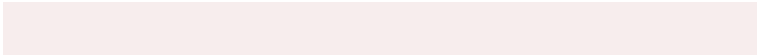
22, 105.616, 306.283



3, 39.895, 299.764

Inverse Universe

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



95, 3.568, 19.440



97, 4.539, 19.536



97, 5.395, 128.329



49, 3.003, 19.598



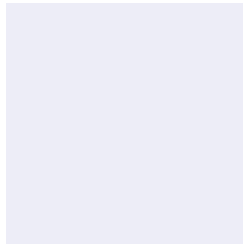
39, 82.533, 39.984



8, 31.022, 24.992

Previews

White Background



This preview shows how the CIELCh color 94, 5.156, 290.594 looks on a white background.

Color Contrast Check

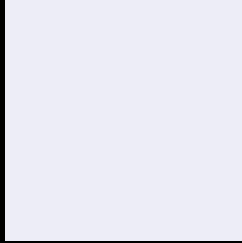
Large Text (above 18pt) WCAG AA × Fail

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, 5.156, 290.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

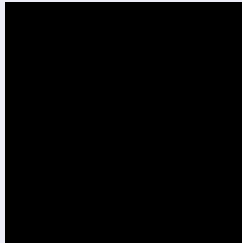
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

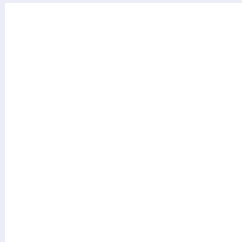
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.156, 290.594

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.156, 290.594.

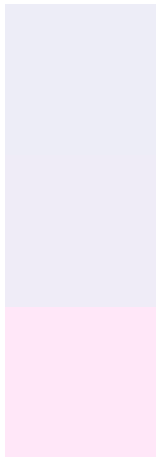


This preview shows how white text looks on a background with the CIELCh color 94, 5.156, 290.594.

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, 5.156, 290.594

Protanopia

94, 5.784, 301.035

Deuteranopia

94, 12.223, 334.562



Tritanopia
94, 9.316, 295.137

Trichromacy



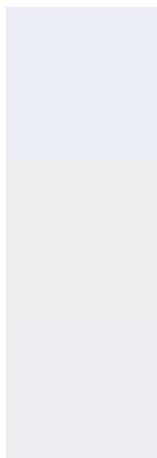
Original Color
94, 5.156, 290.594

Protanomaly
94, 5.727, 297.610

Deuteranomaly
94, 9.401, 324.743

Tritanomaly
94, 7.776, 295.886

Monochromacy



Original Color
94, 5.156, 290.594

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.553, 290.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.156, 290.594 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, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 247)  
}
```

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, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.156, 290.594 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, 237, 247) }
```

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

```
.border{ border-color:rgb(237, 237, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.156, 290.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 247) }
```

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

```
.background{ background-color: rgb(237,  
237, 247) }
```

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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