

Converting Colors

CIELCh(94, 8.159, 255.042)

Have a look what the booklet for
CIELCh(94, 8.159, 255.042) contains.

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Color

CIELCh(94, 8.129, 254.835)

Conversions

Conversions Part 1

Format	Color
Hex	E2F0FD
RGB	226, 240, 253
RGB Percent	89%, 94%, 99%
CMY	0.1152, 0.0603, 0.0093
CMYK	0.11, 0.05, 0.00, 0.01
HSL	209°, 85%, 94%
HSV	209°, 11%, 99%
XYZ	79.9624, 85.2715, 104.8525
YIQ	237.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

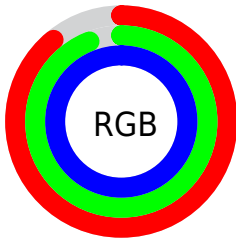
Format	Color
R_{YB}	226, 235, 253
Decimal	14872829
CIE _{Lab}	94.00, -2.13, -7.85
CIE _{LCh}	94, 8.129, 254.835
Yxy	85.2715, 0.2961, 0.3157
Android (android.graphics.Color)	4293062909 (0xFFE2F0FD)
YUV	237.2960, 7.7421, -9.9066
Hunter-Lab	92.3426, -7.0307, -2.6823

Details

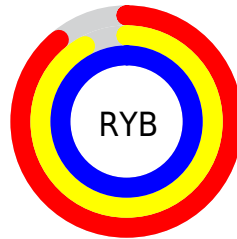
The CIELCh color `94, 8.129, 254.835` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.368, 72.029`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.878, 254.935` is the 20% darker color. If you saturate the color by 10%, you get `89, 15.620, 256.359`, and if you desaturate by 10%, it is `99, 0.532, 254.307`.

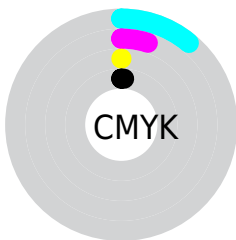
Distribution



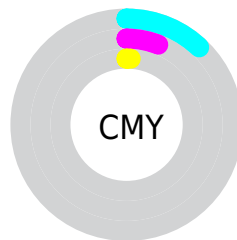
- Red (89%)
- Green (94%)
- Blue (99%)



- Red (89%)
- Yellow (92%)
- Blue (99%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.129, 254.835 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, 8.129, 254.835 by changing the saturation by 10% instead.

94, 8.129, 254.835

94, 8.129, 254.835

100, 8.129,
254.835

84, 8.129, 254.835

74, 8.129, 254.835

64, 8.129, 254.835

54, 8.129, 254.835

44, 8.129, 254.835

34, 8.129, 254.835

24, 8.129, 254.835

14, 8.129, 254.835

4, 8.129, 254.835

■ 94, 8.129, 254.835

■ 94, 8.129, 254.835

■ 89, 15.620,
256.359

■ 99, 0.532, 254.307

■ 84, 22.972,
258.221

100, 1.197,
110.024

■ 80, 30.152,
260.457

■ 75, 37.142,
263.131

■ 71, 43.947,
266.300

■ 67, 50.613,
269.994

■ 63, 57.232,
274.189

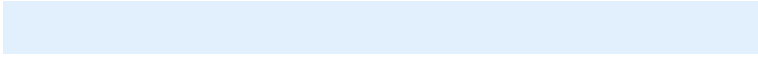
■ 59, 63.931,
278.771

■ 55, 70.372,
283.134

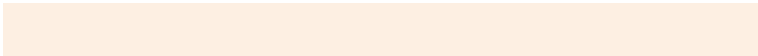
Harmonies

Complementary

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



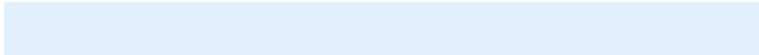
94, 8.129, 254.835



95, 8.368, 72.029

Rectangle

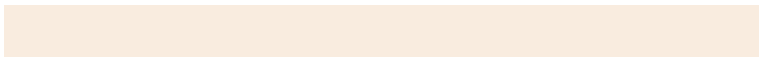
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.129, 254.835



94, 8.129, 304.835



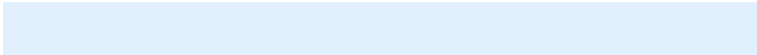
94, 8.129, 74.835



94, 8.129, 124.835

Sweetspot

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



94, 8.128, 254.821



99, 2.315, 253.933



97, 12.044, 161.053



52, 1.753, 253.992



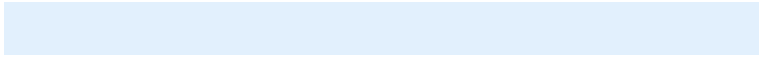
0, 0.000, 0.000



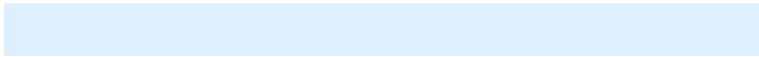
53, 0.007, 296.813

Same Dimension

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



94, 8.128, 254.821



94, 9.948, 255.150



91, 13.549, 289.975



51, 4.361, 254.661



42, 56.153, 282.295



12, 22.947, 275.595

Inverse Universe

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



92, 12.071, 343.511



92, 14.836, 343.724



98, 13.238, 107.749



50, 6.463, 343.404



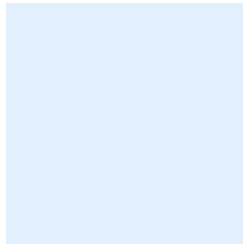
41, 68.483, 0.345



10, 32.057, 355.038

Previews

White Background



This preview shows how the CIELCh color 94, 8.129, 254.835 looks on a white background.

Color Contrast Check

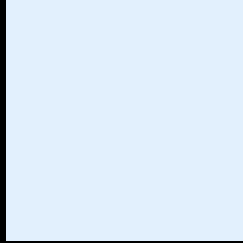
Large Text (above 18pt) WCAG AA × Fail

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, 8.129, 254.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

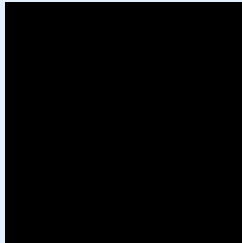
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

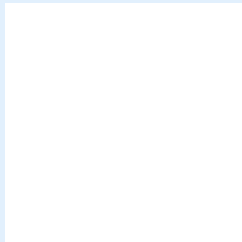
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.129, 254.835

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.129, 254.835.



This preview shows how white text looks on a background with the CIELCh color 94, 8.129, 254.835.

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, 8.129, 254.835

Protanopia

94, 7.263, 296.217

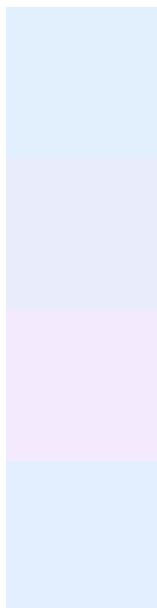
Deuteranopia

94, 14.183, 323.730



Tritanopia
94, 8.973, 266.220

Trichromacy



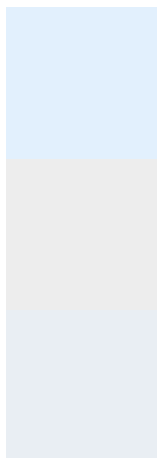
Original Color
94, 8.129, 254.835

Protanomaly
94, 7.322, 279.927

Deuteranomaly
94, 10.325, 308.476

Tritanomaly
94, 8.658, 262.678

Monochromacy



Original Color
94, 8.129, 254.835

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.091, 256.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.129, 254.835 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(226, 240, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 240, 253)  
}
```

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(226, 240, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 240, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.129, 254.835 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(226, 240, 253) }
```

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

```
.border{ border-color:rgb(226, 240, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 240, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 240, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 240, 253);  
box-shadow:4px 4px 4px 4px rgb(226, 240,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.129, 254.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 240, 253) }
```

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

```
.background{ background-color: rgb(226,  
240, 253) }
```

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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