

Converting Colors

CIE LCh(94, 9.004, 257.611)

Have a look what the booklet for
CIELCh(94, 9.004, 257.611) contains.

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Color

CIELCh(94, 8.728, 255.083)

Conversions

Conversions Part 1

Format	Color
Hex	E1F0FE
RGB	225, 240, 254
RGB Percent	88%, 94%, 100%
CMY	0.1186, 0.0598, 0.0050
CMYK	0.11, 0.06, 0.00, 0.00
HSL	209°, 92%, 94%
HSV	209°, 11%, 100%
XYZ	79.9013, 85.2715, 105.7917
YIQ	237.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

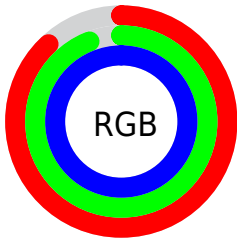
Format	Color
R_{YB}	225, 235, 254
Decimal	14807294
CIE Lab	94.00, -2.25, -8.43
CIE LCh	94, 8.728, 255.083
Yxy	85.2715, 0.2949, 0.3147
Android (android.graphics.Color)	4292997374 (0xFFE1F0FE)
YUV	237.1110, 8.3263, -10.6213
Hunter-Lab	92.3426, -7.1487, -3.2854

Details

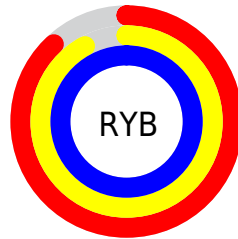
The CIELCh color `94, 8.728, 255.083` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 9.005, 72.084`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.504, 255.239` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.246, 256.634`, and if you desaturate by 10%, it is `99, 1.102, 254.098`.

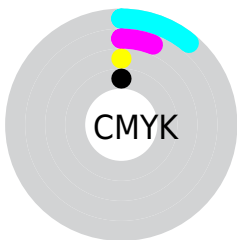
Distribution



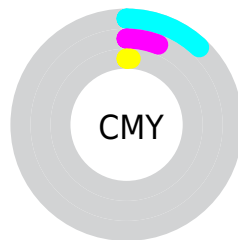
- Red (88%)
- Green (94%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- Blue (100%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.728, 255.083 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, 8.728, 255.083 by changing the saturation by 10% instead.

94, 8.728, 255.083

94, 8.728, 255.083

100, 8.728,
255.083

84, 8.728, 255.083

74, 8.728, 255.083

64, 8.728, 255.083

54, 8.728, 255.083

44, 8.728, 255.083

34, 8.728, 255.083

24, 8.728, 255.083

14, 8.728, 255.083

4, 8.728, 255.083

■ 94, 8.728, 255.083

■ 94, 8.728, 255.083

■ 89, 16.246,
256.634

■ 99, 1.102, 254.098

■ 84, 23.624,
258.523

100, 0.629,
110.008

■ 80, 30.830,
260.792

■ 75, 37.847,
263.502

■ 71, 44.685,
266.711

■ 66, 51.391,
270.444

■ 62, 58.062,
274.671

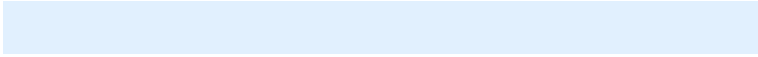
■ 59, 64.826,
279.270

■ 56, 70.812,
283.279

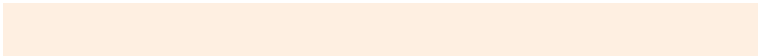
Harmonies

Complementary

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



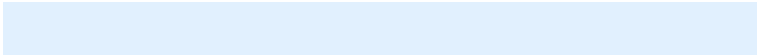
94, 8.728, 255.083



95, 9.005, 72.084

Rectangle

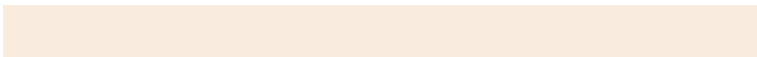
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.728, 255.083



94, 8.728, 305.083



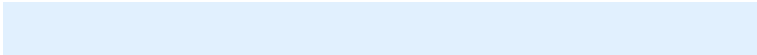
94, 8.728, 75.083



94, 8.728, 125.083

Sweetspot

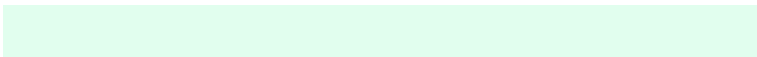
The Sweet Spot groups the original color and five complimentary colors.



94, 8.727, 255.070



99, 2.317, 254.076



97, 12.926, 160.986



52, 1.755, 254.136



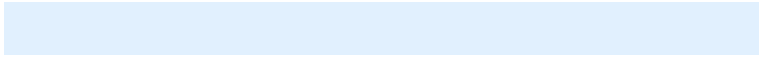
0, 0.000, 0.000



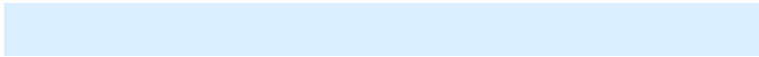
53, 0.007, 296.813

Same Dimension

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



94, 8.727, 255.070



93, 10.717, 255.443



90, 14.562, 290.062



51, 4.366, 254.806



42, 56.301, 282.430



12, 23.000, 275.740

Inverse Universe

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



92, 12.954, 343.649



91, 15.981, 343.886



99, 14.205, 107.674



50, 6.458, 343.473



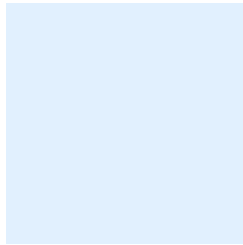
41, 68.464, 0.467



10, 32.043, 355.140

Previews

White Background



This preview shows how the CIELCh color 94, 8.728, 255.083 looks on a white background.

Color Contrast Check

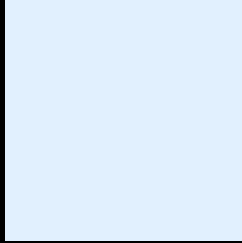
Large Text (above 18pt) WCAG AA × Fail

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, 8.728, 255.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

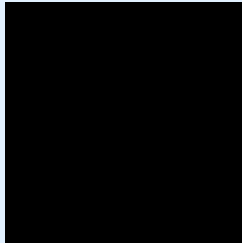
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

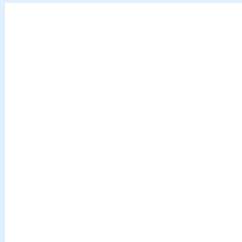
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.728, 255.083

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.728, 255.083.



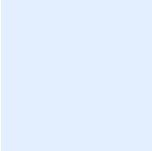
This preview shows how white text looks on a background with the CIELCh color 94, 8.728, 255.083.

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, 9.111, 264.281

Trichromacy



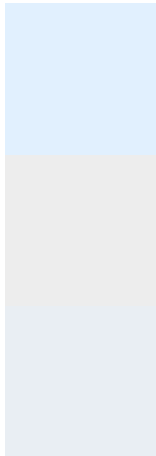
Original Color
94, 8.728, 255.083

Protanomaly
94, 8.335, 281.368

Deuteranomaly
94, 11.218, 305.228

Tritanomaly
94, 9.258, 262.405

Monochromacy



Original Color
94, 8.728, 255.083

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, 8.728, 255.083 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(225, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 254)  
}
```

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(225, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.728, 255.083 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(225, 240, 254) }
```

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

```
.border{ border-color:rgb(225, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.728, 255.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 254) }
```

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

```
.background{ background-color: rgb(225,  
240, 254) }
```

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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