

Converting Colors

CIELCh(94, 8.982, 266.562)

Have a look what the booklet for
CIELCh(94, 8.982, 266.562) contains.

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Color

CIELCh(94, 8.973, 266.220)

Conversions

Conversions Part 1

Format	Color
Hex	E4EFFF
RGB	228, 239, 255
RGB Percent	89%, 94%, 100%
CMY	0.1067, 0.0636, 0.0009
CMYK	0.11, 0.06, 0.00, 0.00
HSL	216°, 98%, 95%
HSV	216°, 11%, 100%
XYZ	80.7451, 85.2715, 106.6264
YIQ	237.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

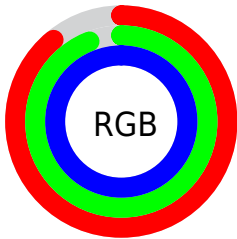
Format	Color
R _Y B	228, 236, 255
Decimal	15003647
CIE Lab	94.00, -0.59, -8.95
CIE LCh	94, 8.973, 266.220
Yxy	85.2715, 0.2962, 0.3128
Android (android.graphics.Color)	4293193727 (0xFFE4EFFF)
YUV	237.5350, 8.6102, -8.3622
Hunter-Lab	92.3426, -5.5178, -3.8213

Details

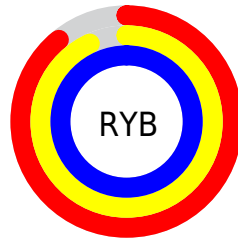
The CIELCh color `94, 8.973, 266.220` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 9.069, 83.330`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.923, 265.098` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.480, 267.797`, and if you desaturate by 10%, it is `100, 0.512, 265.491`.

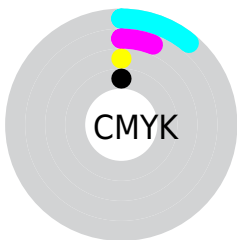
Distribution



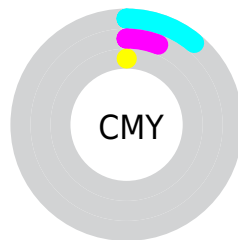
- Red (89%)
- Green (94%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.973, 266.220 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, 8.973, 266.220 by changing the saturation by 10% instead.

 94, 8.973, 266.220

 94, 8.973, 266.220

 100, 8.973,
266.220

 84, 8.973, 266.220

 74, 8.973, 266.220

 64, 8.973, 266.220

 54, 8.973, 266.220

 44, 8.973, 266.220

 34, 8.973, 266.220

 24, 8.973, 266.220

 14, 8.973, 266.220

 4, 8.973, 266.220

■ 94, 8.973, 266.220

■ 94, 8.973, 266.220

■ 88, 17.480,
267.797

100, 0.512,
265.491

■ 83, 26.025,
269.682

100, 0.099,
109.388

■ 77, 34.606,
271.906

■ 72, 43.232,
274.520

■ 67, 51.934,
277.558

■ 62, 60.769,
281.023

■ 57, 69.805,
284.860

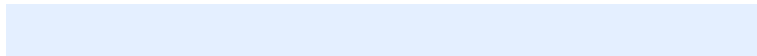
■ 52, 79.081,
288.927

■ 48, 87.985,
292.707

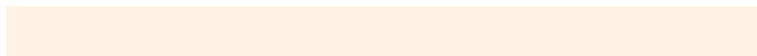
Harmonies

Complementary

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



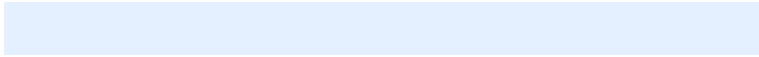
94, 8.973, 266.220



97, 9.069, 83.330

Rectangle

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



94, 8.973, 266.220



94, 8.973, 316.220



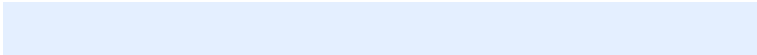
94, 8.973, 86.220



94, 8.973, 136.220

Sweetspot

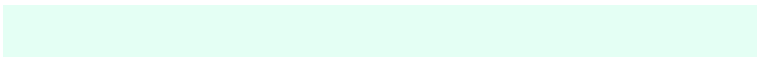
The Sweet Spot groups the original color and five complimentary colors.



94, 8.972, 266.208



98, 2.543, 265.248



98, 11.061, 167.494



52, 1.927, 265.324



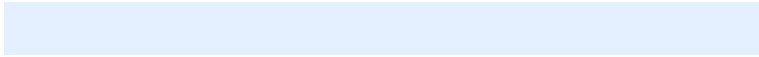
0, 0.000, 0.000



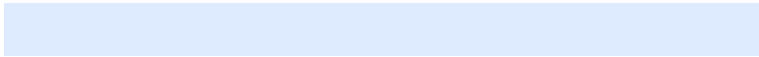
53, 0.007, 296.813

Same Dimension

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



94, 8.972, 266.208



93, 11.021, 266.564



91, 14.036, 294.415



50, 4.817, 266.053



36, 69.618, 291.983



10, 27.983, 286.200

Inverse Universe

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



93, 11.221, 349.880



91, 13.828, 350.127



99, 13.696, 112.561



50, 6.015, 349.769



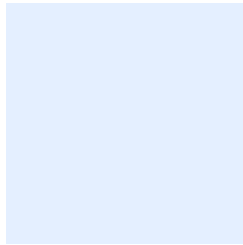
41, 68.240, 11.075



10, 31.317, 4.149

Previews

White Background



This preview shows how the CIELCh color 94, 8.973, 266.220 looks on a white background.

Color Contrast Check

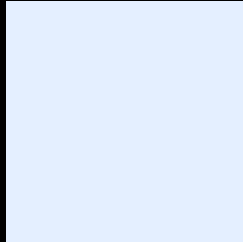
Large Text (above 18pt) WCAG AA × Fail

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, 8.973, 266.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

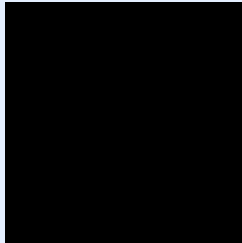
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

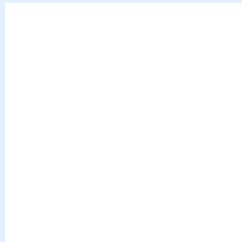
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.973, 266.220

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.973, 266.220.



This preview shows how white text looks on a background with the CIELCh color 94, 8.973, 266.220.

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, 8.973, 266.220

Protanopia

94, 8.777, 293.114

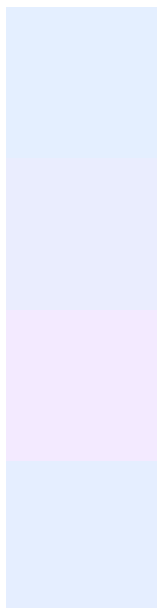
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.217, 271.480

Trichromacy



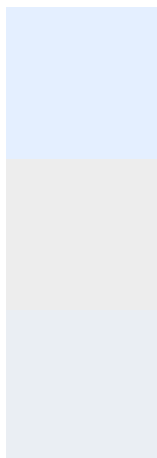
Original Color
94, 8.973, 266.220

Protanomaly
94, 8.802, 284.170

Deuteranomaly
94, 11.310, 306.927

Tritanomaly
94, 9.217, 271.480

Monochromacy



Original Color
94, 8.973, 266.220

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.915, 261.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.973, 266.220 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, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 239, 255)  
}
```

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, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.973, 266.220 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, 239, 255) }
```

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

```
.border{ border-color:rgb(228, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(228, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 239,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.973, 266.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 239, 255) }
```

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

```
.background{ background-color: rgb(228,  
239, 255) }
```

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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