

Converting Colors

CIELCh(94, 7.051, 263.093)

Have a look what the booklet for
CIELCh(94, 7.051, 263.093) contains.

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Color

CIELCh(94, 7.006, 261.403)

Conversions

Conversions Part 1

Format	Color
Hex	E5EFFB
RGB	229, 239, 251
RGB Percent	90%, 94%, 98%
CMY	0.1024, 0.0631, 0.0161
CMYK	0.09, 0.05, 0.00, 0.02
HSL	213°, 73%, 94%
HSV	213°, 9%, 98%
XYZ	80.5122, 85.2715, 103.3961
YIQ	237.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

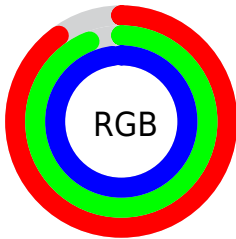
Format	Color
R_{YB}	229, 236, 251
Decimal	15069179
CIE _{Lab}	94.00, -1.05, -6.93
CIE _{LCh}	94, 7.006, 261.403
Yxy	85.2715, 0.2991, 0.3168
Android (android.graphics.Color)	4293259259 (0xFFE5E9FB)
YUV	237.3780, 6.7156, -7.3475
Hunter-Lab	92.3426, -5.9680, -1.7473

Details

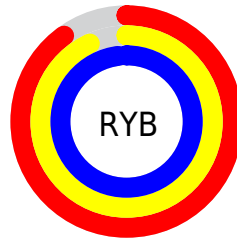
The CIELCh color `94, 7.006, 261.403` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.104, 78.996`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.343, 261.735` is the 20% darker color. If you saturate the color by 10%, you get `89, 14.971, 262.917`, and if you desaturate by 10%, it is `99, 0.974, 79.599`.

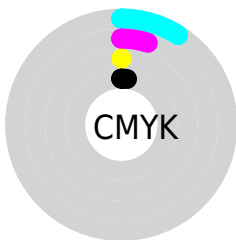
Distribution



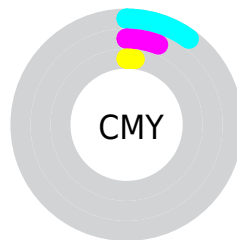
- Red (90%)
- Green (94%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.006, 261.403 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, 7.006, 261.403 by changing the saturation by 10% instead.

94, 7.006, 261.403

94, 7.006, 261.403

100, 7.006,
261.403

84, 7.006, 261.403

74, 7.006, 261.403

64, 7.006, 261.403

54, 7.006, 261.403

44, 7.006, 261.403

34, 7.006, 261.403

24, 7.006, 261.403

14, 7.006, 261.403

4, 7.006, 261.403

■ 94, 7.006, 261.403

■ 94, 7.006, 261.403

■ 89, 14.971,
262.917

■ 99, 0.974, 79.599

■ 84, 22.903,
264.753

■ 100, 2.070,
109.986

■ 79, 30.786,
266.933

■ 74, 38.615,
269.512

■ 69, 46.407,
272.538

■ 64, 54.211,
276.031

■ 59, 62.105,
279.959

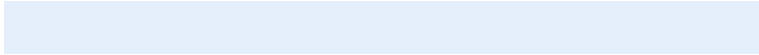
■ 55, 70.177,
284.212

■ 51, 78.489,
288.552

Harmonies

Complementary

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



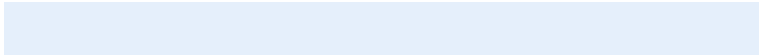
94, 7.006, 261.403



96, 7.104, 78.996

Rectangle

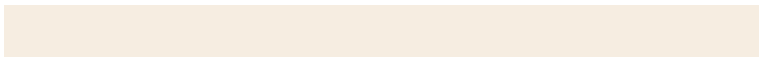
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



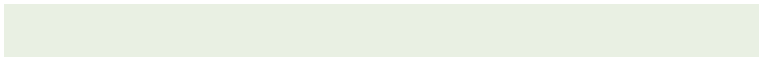
94, 7.006, 261.403



94, 7.006, 311.403



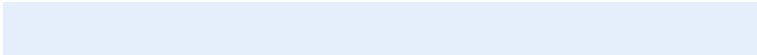
94, 7.006, 81.403



94, 7.006, 131.403

Sweetspot

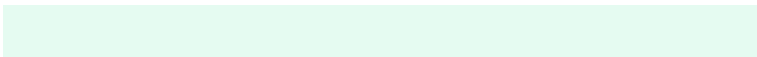
The Sweet Spot groups the original color and five complimentary colors.



94, 7.005, 261.387



98, 2.435, 260.704



97, 9.364, 164.783



52, 1.844, 260.775



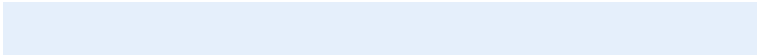
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 7.005, 261.387



94, 8.901, 261.703



92, 11.411, 292.350



49, 4.526, 261.487



38, 63.049, 288.268



10, 24.890, 281.748

Inverse Universe

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



93, 9.421, 346.881



93, 12.012, 347.100



98, 11.175, 110.683



49, 6.094, 346.952



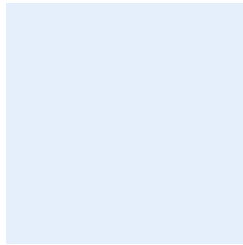
40, 67.321, 6.430



10, 30.712, 359.859

Previews

White Background



This preview shows how the CIELCh color 94, 7.006, 261.403 looks on a white background.

Color Contrast Check

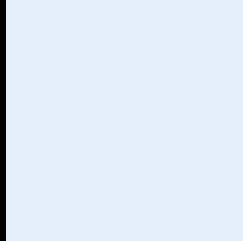
Large Text (above 18pt) WCAG AA × Fail

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, 7.006, 261.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

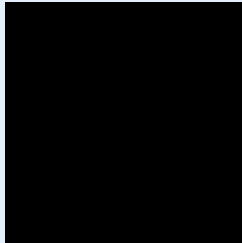
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

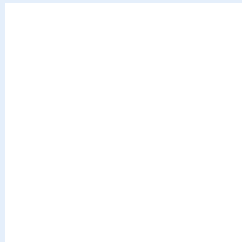
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.006, 261.403

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.006, 261.403.



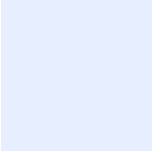
This preview shows how white text looks on a background with the CIELCh color 94, 7.006, 261.403.

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](#).

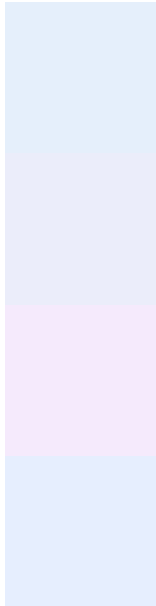
Dichromacy





Tritanopia
94, 9.029, 275.554

Trichromacy



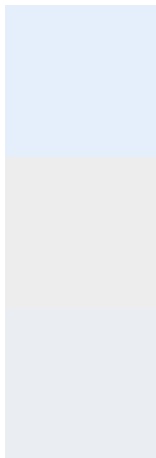
Original Color
94, 7.006, 261.403

Protanomaly
94, 6.725, 284.821

Deuteranomaly
94, 10.084, 313.134

Tritanomaly
94, 8.630, 272.405

Monochromacy



Original Color
94, 7.006, 261.403

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.477, 256.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.006, 261.403 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(229, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 239, 251)  
}
```

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(229, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 239, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.006, 261.403 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(229, 239, 251) }
```

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

```
.border{ border-color:rgb(229, 239, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 239, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 239,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.006, 261.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 239, 251) }
```

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

```
.background{ background-color: rgb(229,  
239, 251) }
```

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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