

Converting Colors

CIELCh(94, 5.421, 270.601)

Have a look what the booklet for
CIELCh(94, 5.421, 270.601) contains.

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Color

CIELCh(94, 5.407, 271.953)

Conversions

Conversions Part 1

Format	Color
Hex	E9EEF8
RGB	233, 238, 248
RGB Percent	91%, 93%, 97%
CMY	0.0862, 0.0665, 0.0273
CMYK	0.06, 0.04, 0.00, 0.03
HSL	220°, 52%, 94%
HSV	220°, 6%, 97%
XYZ	81.1426, 85.2715, 101.0109
YIQ	237.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

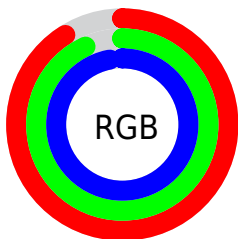
Format	Color
R _Y B	233, 237, 248
Decimal	15331064
CIE Lab	94.00, 0.18, -5.40
CIE LCh	94, 5.407, 271.953
Yxy	85.2715, 0.3034, 0.3189
Android (android.graphics.Color)	4293521144 (0xFFE9EEF8)
YUV	237.6450, 5.1050, -4.0737
Hunter-Lab	92.3426, -4.7494, -0.2158

Details

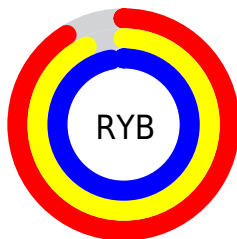
The CIELCh color `94, 5.407, 271.953` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.394, 90.302`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 5.679, 272.165` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.442, 273.354`, and if you desaturate by 10%, it is `100, 3.305, 107.224`.

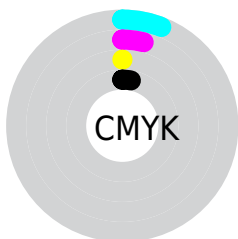
Distribution



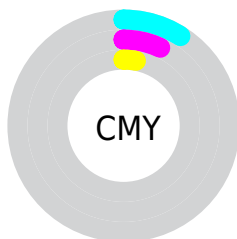
- Red (91%)
- Green (93%)
- Blue (97%)



- Red (91%)
- Yellow (93%)
- Blue (97%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.407, 271.953 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, 5.407, 271.953 by changing the saturation by 10% instead.

■ 94, 5.407, 271.953

■ 94, 5.407, 271.953

■ 100, 5.407,
271.953

■ 84, 5.407, 271.953

■ 74, 5.407, 271.953

■ 64, 5.407, 271.953

■ 54, 5.407, 271.953

■ 44, 5.407, 271.953

■ 34, 5.407, 271.953

■ 24, 5.407, 271.953

■ 14, 5.407, 271.953

■ 4, 5.407, 271.953

94, 5.407, 271.953

94, 5.407, 271.953

88, 14.442,
273.354

100, 3.305,
107.224

82, 23.625,
275.047

100, 3.524,
109.893

76, 32.962,
277.037

70, 42.472,
279.367

65, 52.188,
282.071

59, 62.152,
285.159

54, 72.400,
288.588

49, 82.902,
292.239

■ 44, 93.472,
295.904

Harmonies

Complementary

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



94, 5.407, 271.953



96, 5.394, 90.302

Rectangle

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



94, 5.407, 271.953



94, 5.407, 321.953



94, 5.407, 91.953



94, 5.407, 141.953

Sweetspot

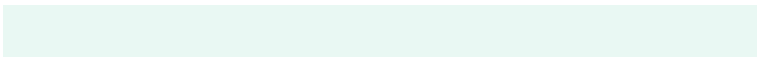
The Sweet Spot groups the original color and five complimentary colors.



94, 5.405, 271.933



99, 1.829, 271.512



96, 5.918, 172.130



53, 1.040, 271.508



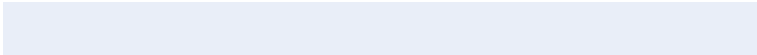
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 5.405, 271.933



96, 6.402, 272.057



93, 7.804, 296.525



50, 4.093, 272.134



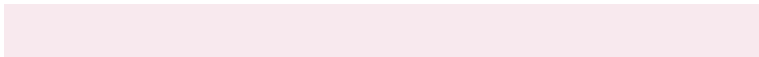
32, 78.094, 296.642



8, 30.582, 291.192

Inverse Universe

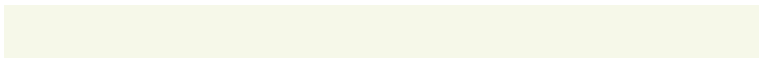
The Inverse Universe completely reimagines the original color for something new.



94, 5.957, 354.147



95, 7.065, 354.253



97, 7.685, 115.609



49, 4.520, 354.317



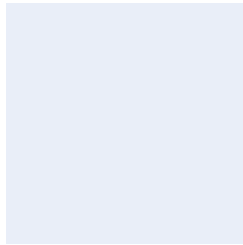
40, 68.940, 18.113



9, 30.489, 9.682

Previews

White Background



This preview shows how the CIELCh color 94, 5.407, 271.953 looks on a white background.

Color Contrast Check

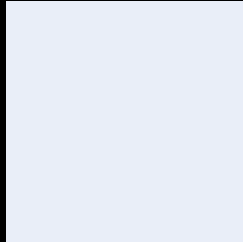
Large Text (above 18pt) WCAG AA × Fail

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, 5.407, 271.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

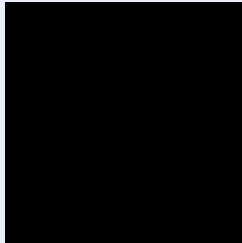
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

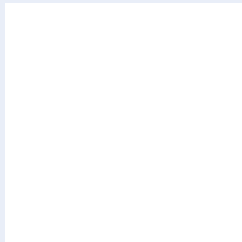
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.407, 271.953

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.407, 271.953.

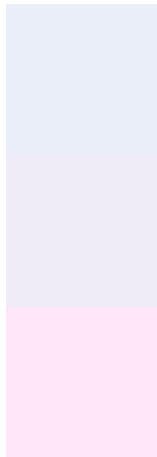


This preview shows how white text looks on a background with the CIELCh color 94, 5.407, 271.953.

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, 5.407, 271.953

Protanopia

94, 5.784, 301.035

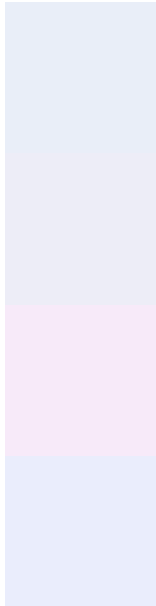
Deuteranopia

94, 12.592, 332.927



Tritanopia
94, 9.313, 284.590

Trichromacy



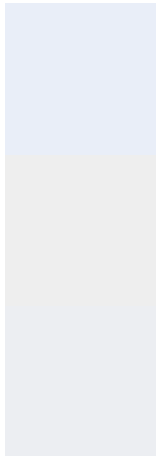
Original Color
94, 5.407, 271.953

Protanomaly
94, 5.156, 290.594

Deuteranomaly
94, 9.016, 321.020

Tritanomaly
94, 7.781, 283.180

Monochromacy



Original Color
94, 5.407, 271.953

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.173, 271.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.407, 271.953 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(233, 238, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 238, 248)  
}
```

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(233, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 238, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.407, 271.953 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(233, 238, 248) }
```

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

```
.border{ border-color:rgb(233, 238, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 238, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 238, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 238,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.407, 271.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 238, 248) }
```

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

```
.background{ background-color: rgb(233,  
238, 248) }
```

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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