

Converting Colors

CIE LCh(94, 8.123, 292.798)

Have a look what the booklet for
CIELCh(94, 8.123, 292.798) contains.

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Color

CIELCh(94, 8.263, 293.218)

Conversions

Conversions Part 1

Format	Color
Hex	EDECFC
RGB	237, 236, 252
RGB Percent	93%, 93%, 99%
CMY	0.0694, 0.0733, 0.0105
CMYK	0.06, 0.06, 0.00, 0.01
HSL	244°, 75%, 96%
HSV	244°, 6%, 99%
XYZ	82.7300, 85.2715, 104.4514
YIQ	238.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

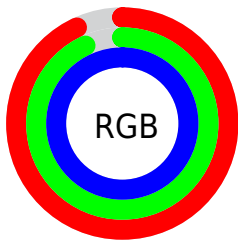
Format	Color
R_{YB}	237, 236, 252
Decimal	15592700
CIE _{Lab}	94.00, 3.26, -7.59
CIE _{LCh}	94, 8.263, 293.218
Yxy	85.2715, 0.3036, 0.3130
Android (android.graphics.Color)	4293782780 (0xFFEDECFC)
YUV	238.1230, 6.8414, -0.9849
Hunter-Lab	92.3426, -1.6808, -2.4248

Details

The CIELCh color `94, 8.263, 293.218` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.128, 112.073`, 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, 8.149, 293.494` is the 20% darker color. If you saturate the color by 10%, you get `86, 21.709, 294.242`, and if you desaturate by 10%, it is `100, 1.353, 110.020`.

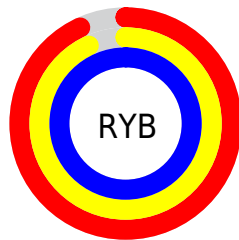
Distribution



Red (93%)

Green (93%)

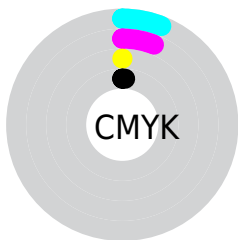
Blue (99%)



Red (93%)

Yellow (93%)

Blue (99%)

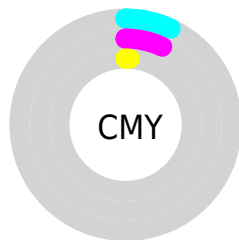


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.263, 293.218 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, 8.263, 293.218 by changing the saturation by 10% instead.

■ 94, 8.263, 293.218

■ 94, 8.263, 293.218

■ 100, 8.263,
293.218

■ 84, 8.263, 293.218

■ 74, 8.263, 293.218

■ 64, 8.263, 293.218

■ 54, 8.263, 293.218

■ 44, 8.263, 293.218

■ 34, 8.263, 293.218

■ 24, 8.263, 293.218

■ 14, 8.263, 293.218

■ 4, 8.263, 293.218

94, 8.263, 293.218

94, 8.263, 293.218

86, 21.709,
294.242

100, 1.353,
110.020

78, 35.727,
295.456

70, 50.344,
296.870

62, 65.541,
298.493

54, 81.184,
300.301

47, 96.859,
302.207

41, 111.589,
304.026

36, 123.602,
305.469

■ 33,130.810,
306.240

Harmonies

Complementary

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



94, 8.263, 293.218



99, 8.128, 112.073

Rectangle

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



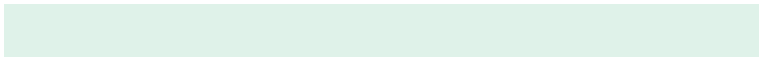
94, 8.263, 293.218



94, 8.263, 343.218



94, 8.263, 113.218



94, 8.263, 163.218

Sweetspot

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



94, 8.261, 293.210



98, 2.613, 292.823



98, 5.245, 203.670



52, 1.486, 292.815



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, 8.261, 293.210



94, 10.543, 293.369



95, 8.827, 311.049



48, 7.391, 293.516



23, 106.395, 306.467



3, 42.206, 302.175

Inverse Universe

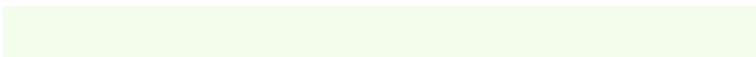
The Inverse Universe completely reimagines the original color for something new.



95, 9.581, 326.485



95, 12.203, 326.587



98, 8.743, 130.544



49, 8.538, 326.676



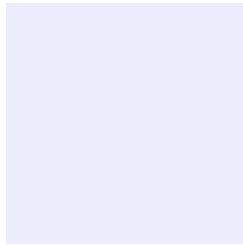
44, 87.756, 330.880



11, 39.951, 330.527

Previews

White Background



This preview shows how the CIELCh color 94, 8.263, 293.218 looks on a white background.

Color Contrast Check

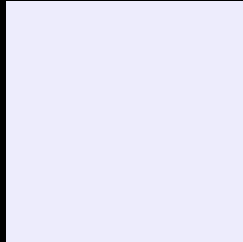
Large Text (above 18pt) WCAG AA × Fail

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, 8.263, 293.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

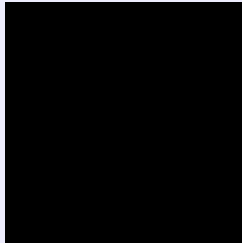
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.263, 293.218

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.263, 293.218.



This preview shows how white text looks on a background with the CIELCh color 94, 8.263, 293.218.

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, 8.263, 293.218

Protanopia

94, 8.289, 295.600

Deuteranopia

94, 13.957, 326.112



Tritanopia
94, 9.829, 294.947

Trichromacy



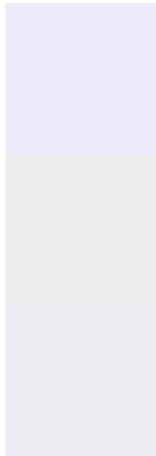
Original Color
94, 8.263, 293.218

Protanomaly
94, 8.289, 295.600

Deuteranomaly
94, 11.611, 317.614

Tritanomaly
94, 9.316, 295.137

Monochromacy



Original Color
94, 8.263, 293.218

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.123, 296.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.263, 293.218 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(237, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(237, 236, 252)  
}
```

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(237, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 236, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.263, 293.218 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(237, 236, 252) }
```

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

```
.border{ border-color:rgb(237, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(237, 236,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.263, 293.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 236, 252) }
```

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

```
.background{ background-color: rgb(237,  
236, 252) }
```

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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