

Converting Colors

CIE LCh(94, 1.901, 289.603)

Have a look what the booklet for
CIELCh(94, 1.901, 289.603) contains.

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Color

CIELCh(94, 2.069, 290.375)

Conversions

Conversions Part 1

Format	Color
Hex	EDEDF1
RGB	237, 237, 241
RGB Percent	93%, 93%, 95%
CMY	0.0689, 0.0689, 0.0532
CMYK	0.02, 0.02, 0.00, 0.05
HSL	240°, 13%, 94%
HSV	240°, 2%, 95%
XYZ	81.4180, 85.2715, 95.7240
YIQ	237.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

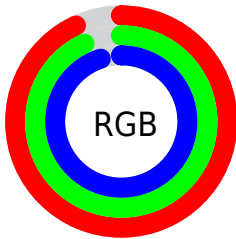
Format	Color
R _Y B	237, 237, 241
Decimal	15592945
CIE Lab	94.00, 0.72, -1.94
CIE LCh	94, 2.069, 290.375
Yxy	85.2715, 0.3103, 0.3250
Android (android.graphics.Color)	4293783025 (0xFFEDED F1)
YUV	237.4560, 1.7472, -0.3999
Hunter-Lab	92.3426, -4.2170, 3.1787

Details

The CIELCh color **94, 2.069, 290.375** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 2.038, 109.944**, 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, 2.173, 290.413** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.765, 291.377**, and if you desaturate by 10%, it is **100, 6.868, 109.653**.

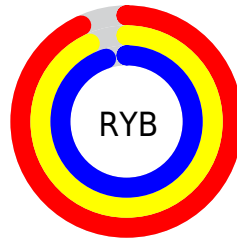
Distribution



Red (93%)

Green (93%)

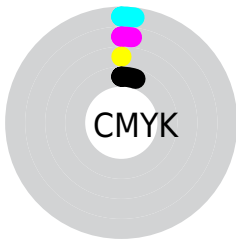
Blue (95%)



Red (93%)

Yellow (93%)

Blue (95%)

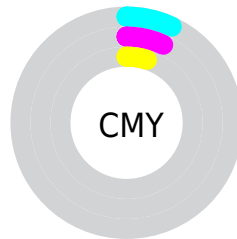


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.069, 290.375 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, 2.069, 290.375 by changing the saturation by 10% instead.

94, 2.069, 290.375

94, 2.069, 290.375

100, 2.069,
290.375

84, 2.069, 290.375

74, 2.069, 290.375

64, 2.069, 290.375

54, 2.069, 290.375

44, 2.069, 290.375

34, 2.069, 290.375

24, 2.069, 290.375

14, 2.069, 290.375

4, 2.069, 290.375

94, 2.069, 290.375

94, 2.069, 290.375

86, 14.765,
291.377

100, 6.868,
109.653

78, 28.000,
292.642

70, 41.812,
294.135

63, 56.225,
295.878

55, 71.197,
297.871

48, 86.506,
300.058

41, 101.501,
302.286

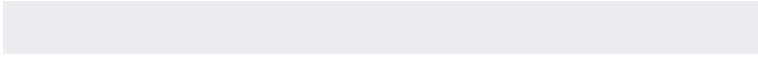
36, 114.771,
304.275

■ 32,124.178,
305.669

Harmonies

Complementary

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



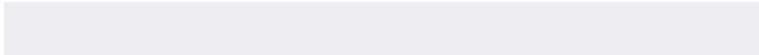
94, 2.069, 290.375



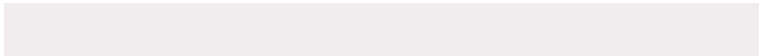
95, 2.038, 109.944

Rectangle

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



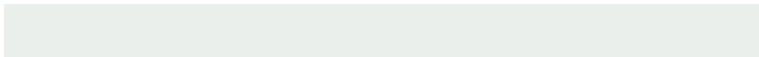
94, 2.069, 290.375



94, 2.069, 340.375



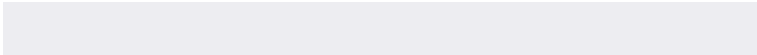
94, 2.069, 110.375



94, 2.069, 160.375

Sweetspot

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



94, 2.067, 290.336

100, 0.012, 296.813



95, 1.405, 198.369



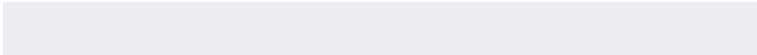
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

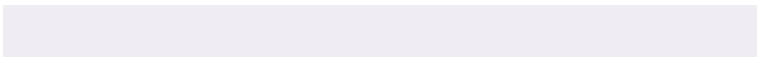
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 2.067, 290.336



98, 2.607, 290.364



94, 2.187, 308.498



49, 1.409, 290.355



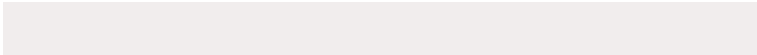
22, 104.510, 306.275



3, 37.783, 298.733

Inverse Universe

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



94, 1.421, 18.978



99, 1.795, 19.077



95, 2.160, 128.471



50, 0.970, 19.049



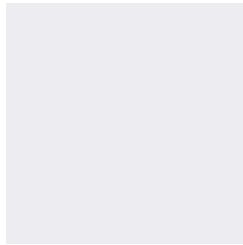
38, 81.657, 39.955



8, 29.831, 23.767

Previews

White Background



This preview shows how the CIELCh color 94, 2.069, 290.375 looks on a white background.

Color Contrast Check

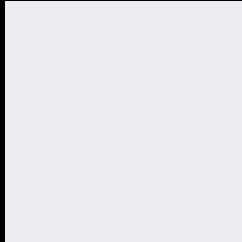
Large Text (above 18pt) WCAG AA × Fail

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, 2.069, 290.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

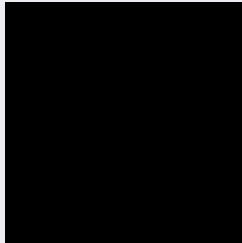
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

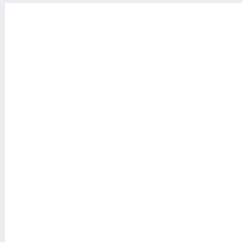
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.069, 290.375

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.069, 290.375.

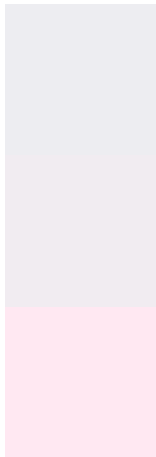


This preview shows how white text looks on a background with the CIELCh color 94, 2.069, 290.375.

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, 2.069, 290.375

Protanopia

94, 3.147, 324.462

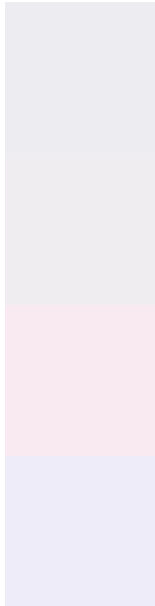
Deuteranopia

94, 9.699, 348.074



Tritanopia
94, 9.917, 298.917

Trichromacy



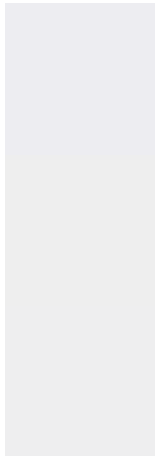
Original Color
94, 2.069, 290.375

Protanomaly
94, 2.335, 317.270

Deuteranomaly
94, 6.758, 342.314

Tritanomaly
94, 6.751, 296.605

Monochromacy



Original Color
94, 2.069, 290.375

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.525, 290.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.069, 290.375 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, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 241)  
}
```

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, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.069, 290.375 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, 237, 241) }
```

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

```
.border{ border-color:rgb(237, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.069, 290.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 241) }
```

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

```
.background{ background-color: rgb(237,  
237, 241) }
```

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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