

Converting Colors

CIELCh(94, 2.424, 287.567)

Have a look what the booklet for
CIELCh(94, 2.424, 287.567) contains.

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Color

CIELCh(94, 2.583, 290.408)

Conversions

Conversions Part 1

Format	Color
Hex	EDEDF2
RGB	237, 237, 242
RGB Percent	93%, 93%, 95%
CMY	0.0692, 0.0692, 0.0496
CMYK	0.02, 0.02, 0.00, 0.05
HSL	240°, 17%, 94%
HSV	240°, 2%, 95%
XYZ	81.5108, 85.2715, 96.4472
YIQ	237.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

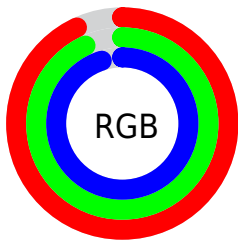
Format	Color
R _Y B	237, 237, 242
Decimal	15592946
CIE Lab	94.00, 0.90, -2.42
CIE LCh	94, 2.583, 290.408
Yxy	85.2715, 0.3097, 0.3239
Android (android.graphics.Color)	4293783026 (0xFFEDEF2)
YUV	237.5700, 2.1840, -0.4999
Hunter-Lab	92.3426, -4.0376, 2.7144

Details

The CIELCh color `94, 2.583, 290.408` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 2.548, 109.920`, 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, 2.715, 290.459` is the 20% darker color. If you saturate the color by 10%, you get `86, 15.342, 291.433`, and if you desaturate by 10%, it is `100, 6.399, 109.687`.

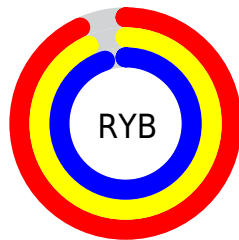
Distribution



Red (93%)

Green (93%)

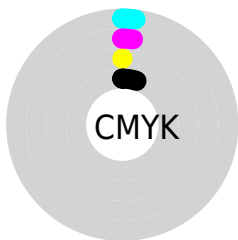
Blue (95%)



Red (93%)

Yellow (93%)

Blue (95%)

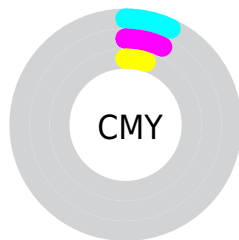


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.583, 290.408 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, 2.583, 290.408 by changing the saturation by 10% instead.

■ 94, 2.583, 290.408

■ 94, 2.583, 290.408

100, 2.583,
290.408

■ 84, 2.583, 290.408

■ 74, 2.583, 290.408

■ 64, 2.583, 290.408

■ 54, 2.583, 290.408

■ 44, 2.583, 290.408

■ 34, 2.583, 290.408

■ 24, 2.583, 290.408

■ 14, 2.583, 290.408

■ 4, 2.583, 290.408

94, 2.583, 290.408

94, 2.583, 290.408

86, 15.342,
291.433

100, 6.399,
109.687

78, 28.644,
292.707

70, 42.527,
294.209

62, 57.012,
295.963

55, 72.055,
297.965

47, 87.418,
300.158

41, 102.423,
302.383

35, 115.615,
304.353

■ 32,124.833,
305.714

Harmonies

Complementary

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



94, 2.583, 290.408



95, 2.548, 109.920

Rectangle

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



94, 2.583, 290.408



94, 2.583, 340.408



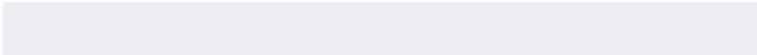
94, 2.583, 110.408



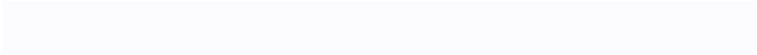
94, 2.583, 160.408

Sweetspot

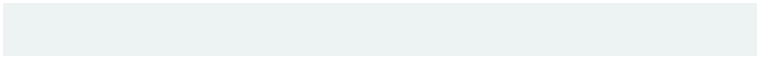
The Sweet Spot groups the original color and five complimentary colors.



94, 2.581, 290.377



99, 1.307, 290.303



95, 1.753, 198.256



53, 0.743, 290.302



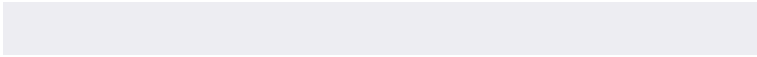
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 2.581, 290.377



98, 2.607, 290.372



94, 2.730, 308.528



50, 1.433, 290.363



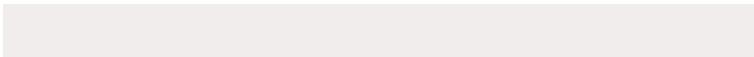
22, 105.597, 306.278



3, 39.883, 299.757

Inverse Universe

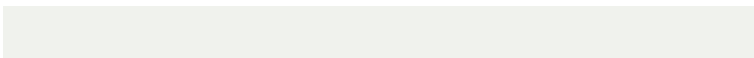
The Inverse Universe completely reimagines the original color for something new.



94, 1.777, 19.108



99, 1.795, 19.094



95, 2.701, 128.441



51, 0.986, 19.066



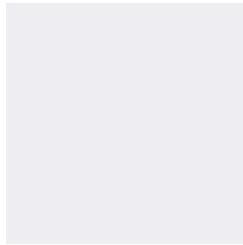
39, 82.514, 39.968



8, 31.019, 24.976

Previews

White Background



This preview shows how the CIELCh color 94, 2.583, 290.408 looks on a white background.

Color Contrast Check

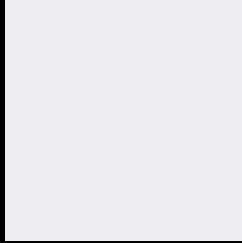
Large Text (above 18pt) WCAG AA × Fail

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, 2.583, 290.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

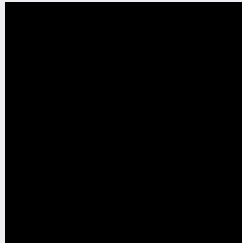
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

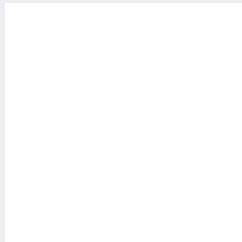
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.583, 290.408

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.583, 290.408.

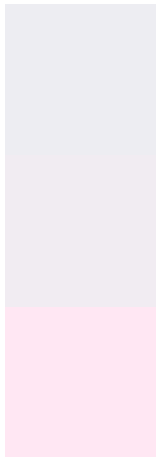


This preview shows how white text looks on a background with the CIELCh color 94, 2.583, 290.408.

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, 2.583, 290.408

Protanopia

94, 3.584, 319.842

Deuteranopia

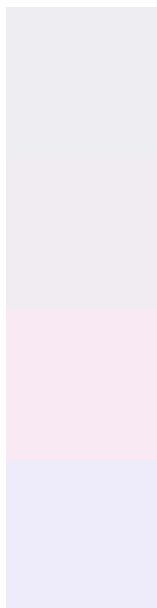
94, 10.565, 344.400



Tritanopia

94, 9.352, 297.239

Trichromacy



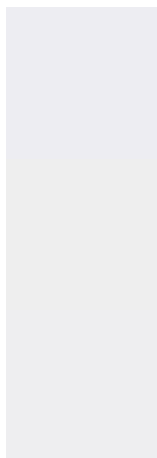
Original Color
94, 2.583, 290.408

Protanomaly
94, 3.421, 314.714

Deuteranomaly
94, 7.693, 337.903

Tritanomaly
94, 7.263, 296.217

Monochromacy



Original Color
94, 2.583, 290.408

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.039, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.583, 290.408 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.583, 290.408 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, 242) }
```

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

```
.border{ border-color:rgb(237, 237, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.583, 290.408 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, 242) }
```

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

```
.background{ background-color: rgb(237,  
237, 242) }
```

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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