

Converting Colors

CIELCh(94, 2.826, 318.974)

Have a look what the booklet for
CIELCh(94, 2.826, 318.974) contains.

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Color

CIELCh(94, 2.335, 317.270)

Conversions

Conversions Part 1

Format	Color
Hex	F0EDF1
RGB	240, 237, 241
RGB Percent	94%, 93%, 95%
CMY	0.0597, 0.0714, 0.0557
CMYK	0.00, 0.02, 0.00, 0.06
HSL	285°, 12%, 94%
HSV	285°, 2%, 94%
XYZ	81.9308, 85.2715, 95.1926
YIQ	238.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

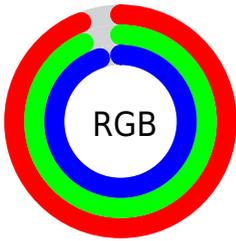
Format	Color
R _Y B	240, 237, 241
Decimal	15789553
CIE Lab	94.00, 1.72, -1.58
CIE LCh	94, 2.335, 317.270
Yxy	85.2715, 0.3122, 0.3250
Android (android.graphics.Color)	4293979633 (0xFFFF0EDF1)
YUV	238.3530, 1.3050, 1.4444
Hunter-Lab	92.3426, -3.2257, 3.5199

Details

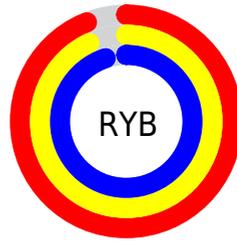
The CIELCh color $94, 2.335, 317.270$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95, 2.310, 137.313$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 2.453, 317.311$ is the 20% darker color. If you saturate the color by 10%, you get $88, 16.509, 317.775$, and if you desaturate by 10%, it is $99, 7.940, 133.803$.

Distribution



- Red (94%)
- Green (93%)
- Blue (95%)



- Red (94%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.335, 317.270 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, 2.335, 317.270 by changing the saturation by 10% instead.

■ 94, 2.335, 317.270

■ 94, 2.335, 317.270

100, 2.335,
317.270

■ 84, 2.335, 317.270

■ 74, 2.335, 317.270

■ 64, 2.335, 317.270

■ 54, 2.335, 317.270

■ 44, 2.335, 317.270

■ 34, 2.335, 317.270

■ 24, 2.335, 317.270

■ 14, 2.335, 317.270

■ 4, 2.335, 317.270

94, 2.335, 317.270

94, 2.335, 317.270

88, 16.509,
317.775

99, 7.940, 133.803

81, 30.923,
318.223

99, 7.295, 118.493

75, 45.417,
318.663

100, 7.194,
109.629

69, 59.744,
319.075

64, 73.526,
319.429

59, 86.235,
319.685

55, 97.203,
319.791

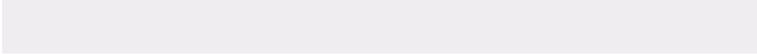
51, 105.716,
319.689

■ 49,111.229,
319.329

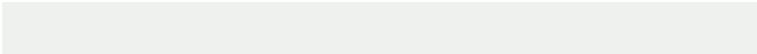
Harmonies

Complementary

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



94, 2.335, 317.270



95, 2.310, 137.313

Rectangle

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



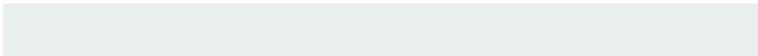
94, 2.335, 317.270



94, 2.335, 7.270



94, 2.335, 137.270



94, 2.335, 187.270

Sweetspot

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



94, 2.332, 317.262

100, 0.012, 296.813



94, 1.557, 276.437



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, 2.332, 317.262



99, 2.945, 317.293



94, 2.137, 331.656



50, 1.591, 317.284



36, 92.744, 318.986



7, 40.083, 320.084

Inverse Universe

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



94, 1.517, 359.278



99, 1.916, 359.374



95, 2.118, 151.788



50, 1.035, 359.346



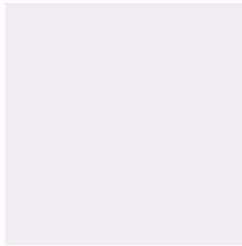
38, 70.352, 25.423



8, 28.870, 13.110

Previews

White Background



This preview shows how the CIELCh color 94, 2.335, 317.270 looks on a white background.

Color Contrast Check

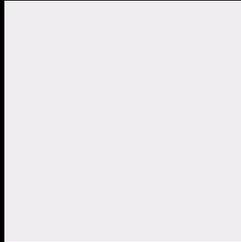
Large Text (above 18pt) WCAG AA × Fail

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, 2.335, 317.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

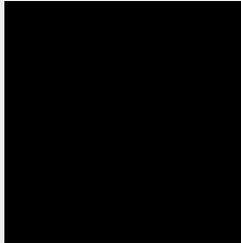
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

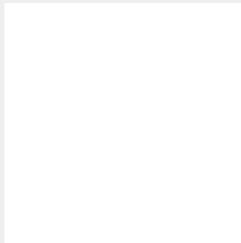
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.335, 317.270

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.335, 317.270.

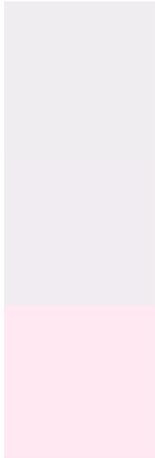


This preview shows how white text looks on a background with the CIELCh color 94, 2.335, 317.270.

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, 2.335, 317.270

Protanopia

94, 3.147, 324.462

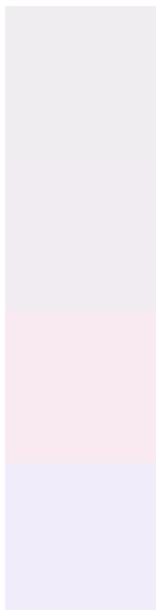
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 9.625, 305.451

Trichromacy



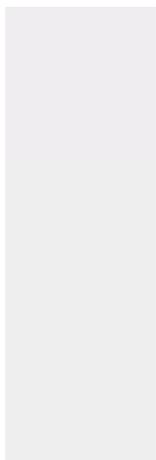
Original Color
94, 2.335, 317.270

Protanomaly
94, 3.147, 324.462

Deuteranomaly
94, 6.460, 345.926

Tritanomaly
94, 6.948, 305.193

Monochromacy



Original Color
94, 2.335, 317.270

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.637, 324.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.335, 317.270 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(240, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.335, 317.270 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(240, 237, 241) }
```

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

```
.border{ border-color:rgb(240, 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(240, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.335, 317.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 241) }
```

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

```
.background{ background-color: rgb(240,  
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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