

Converting Colors

CIELCh(94, 3.689, 321.881)

Have a look what the booklet for
CIELCh(94, 3.689, 321.881) contains.

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Color

CIELCh(94, 3.773, 324.500)

Conversions

Conversions Part 1

Format	Color
Hex	F2ECF2
RGB	242, 236, 242
RGB Percent	95%, 93%, 95%
CMY	0.0510, 0.0745, 0.0510
CMYK	0.00, 0.02, 0.00, 0.05
HSL	300°, 19%, 94%
HSV	300°, 2%, 95%
XYZ	82.6335, 85.2715, 96.1013
YIQ	238.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

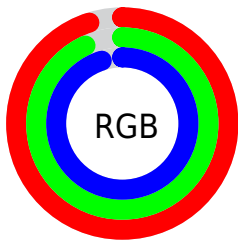
Format	Color
R _Y B	242, 236, 242
Decimal	15920370
CIE Lab	94.00, 3.07, -2.19
CIE LCh	94, 3.773, 324.500
Yxy	85.2715, 0.3130, 0.3230
Android (android.graphics.Color)	4294110450 (0xFF2ECF2)
YUV	238.4780, 1.7363, 3.0888
Hunter-Lab	92.3426, -1.8675, 2.9364

Details

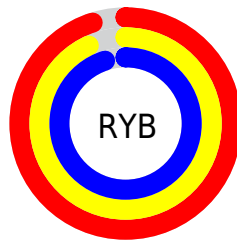
The CIELCh color `94, 3.773, 324.500` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 3.751, 144.382`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 3.964, 324.555` is the 20% darker color. If you saturate the color by 10%, you get `88, 19.080, 325.115`, and if you desaturate by 10%, it is `99, 8.084, 144.188`.

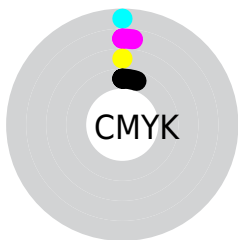
Distribution



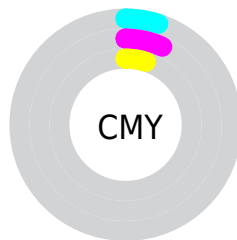
- Red (95%)
- Green (93%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.773, 324.500 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, 3.773, 324.500 by changing the saturation by 10% instead.

94, 3.773, 324.500

94, 3.773, 324.500

100, 3.773,
324.500

84, 3.773, 324.500

74, 3.773, 324.500

64, 3.773, 324.500

54, 3.773, 324.500

44, 3.773, 324.500

34, 3.773, 324.500

24, 3.773, 324.500

14, 3.773, 324.500

4, 3.773, 324.500

94, 3.773, 324.500

94, 3.773, 324.500

88, 19.080,
325.115

99, 8.084, 144.188

82, 34.457,
325.671

99, 8.084, 144.188

77, 49.624,
326.206

99, 8.084, 144.188

72, 64.195,
326.709

99, 8.083, 144.188

68, 77.666,
327.163

99, 8.083, 144.188

64, 89.452,
327.550

99, 8.083, 144.189

61, 98.962,
327.854

99, 8.083, 144.189

59, 105.745,
328.068

■ 58,109.656,
328.189

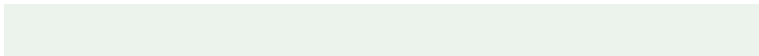
Harmonies

Complementary

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



94, 3.773, 324.500



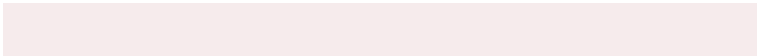
95, 3.751, 144.382

Rectangle

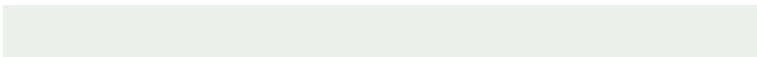
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



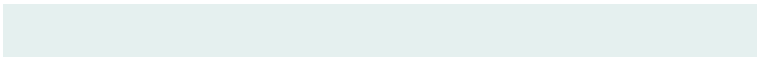
94, 3.773, 324.500



94, 3.773, 14.500



94, 3.773, 144.500



94, 3.773, 194.500

Sweetspot

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



94, 3.770, 324.500



99, 1.592, 324.303



94, 3.099, 290.444



53, 0.905, 324.290



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, 3.770, 324.500



98, 4.763, 324.543



94, 2.646, 343.677



49, 3.432, 324.599



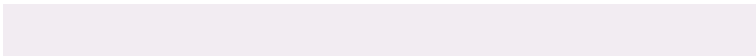
44, 90.297, 328.233



10, 39.418, 328.233

Inverse Universe

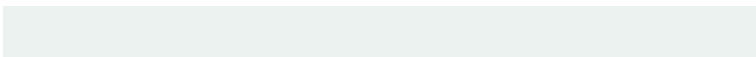
The Inverse Universe completely reimagines the original color for something new.



94, 3.770, 324.500



98, 4.763, 324.543



95, 2.623, 163.627



49, 3.432, 324.599



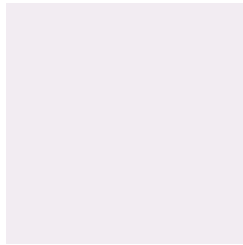
44, 90.297, 328.233



10, 39.418, 328.233

Previews

White Background



This preview shows how the CIELCh color 94, 3.773, 324.500 looks on a white background.

Color Contrast Check

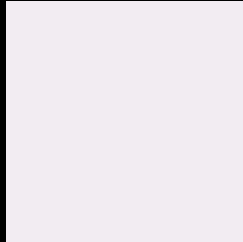
Large Text (above 18pt) WCAG AA × Fail

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, 3.773, 324.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

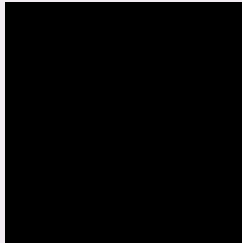
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

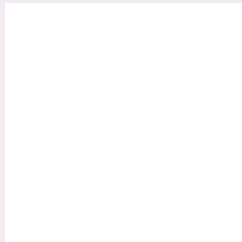
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.773, 324.500

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.773, 324.500.

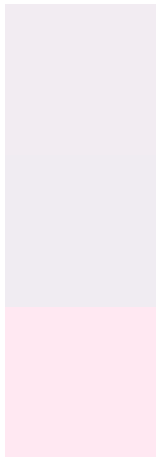


This preview shows how white text looks on a background with the CIELCh color 94, 3.773, 324.500.

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, 3.773, 324.500

Protanopia

94, 3.421, 314.714

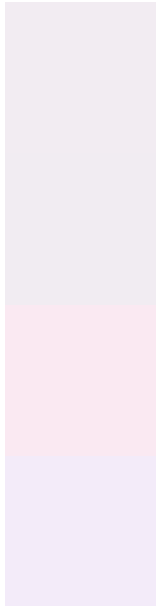
Deuteranopia

94, 9.699, 348.074



Tritanopia
94, 10.438, 310.297

Trichromacy



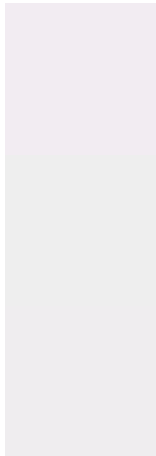
Original Color
94, 3.773, 324.500

Protanomaly
94, 3.584, 319.842

Deuteranomaly
94, 7.640, 342.590

Tritanomaly
94, 7.774, 311.740

Monochromacy



Original Color
94, 3.773, 324.500

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.265, 324.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.773, 324.500 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(242, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 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(242, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.773, 324.500 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(242, 236, 242) }
```

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

```
.border{ border-color:rgb(242, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.773, 324.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 242) }
```

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

```
.background{ background-color: rgb(242,  
236, 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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