

Converting Colors

CIELCh(94, 3.925, 74.678)

Have a look what the booklet for
CIELCh(94, 3.925, 74.678) contains.

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Color

CIELCh(94, 3.737, 74.704)

Conversions

Conversions Part 1

Format	Color
Hex	F3EDE7
RGB	243, 237, 231
RGB Percent	95%, 93%, 91%
CMY	0.0476, 0.0711, 0.0947
CMYK	0.00, 0.02, 0.05, 0.05
HSL	30°, 33%, 93%
HSV	30°, 5%, 95%
XYZ	81.5546, 85.2715, 87.6522
YIQ	238.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

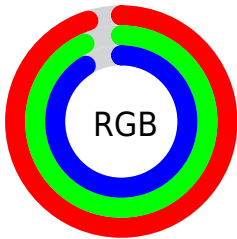
Format	Color
R _Y B	243, 243, 231
Decimal	15986151
CIE Lab	94.00, 0.99, 3.60
CIE LCh	94, 3.737, 74.704
Yxy	85.2715, 0.3205, 0.3351
Android (android.graphics.Color)	4294176231 (0xFFFF3EDE7)
YUV	238.1100, -3.5052, 4.2885
Hunter-Lab	92.3426, -3.9528, 8.3613

Details

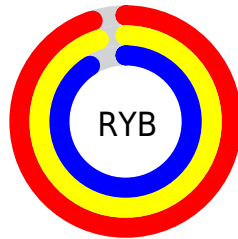
The CIELCh color **94, 3.737, 74.704** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 3.708, 256.194**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.939, 74.561** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.581, 73.580**, and if you desaturate by 10%, it is **98, 3.704, 255.556**.

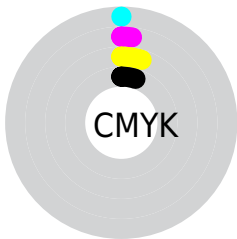
Distribution



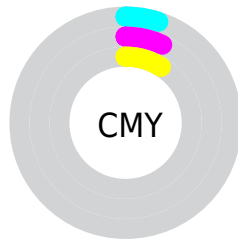
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (95%)
- Yellow (95%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.737, 74.704 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, 3.737, 74.704 by changing the saturation by 10% instead.

 94, 3.737, 74.704

 94, 3.737, 74.704

 100, 3.737, 74.704

 84, 3.737, 74.704

 74, 3.737, 74.704

 64, 3.737, 74.704

 54, 3.737, 74.704

 44, 3.737, 74.704

 34, 3.737, 74.704

 24, 3.737, 74.704

 14, 3.737, 74.704

 4, 3.737, 74.704

94, 3.737, 74.704

94, 3.737, 74.704

90, 11.581, 73.580

98, 3.704, 255.556

87, 19.799, 72.336

99, 4.192, 199.298

83, 28.410, 71.071

80, 37.407, 69.792

77, 46.729, 68.493

74, 56.210, 67.143

71, 65.478, 65.656

68, 73.802, 63.846

65, 80.043, 61.378

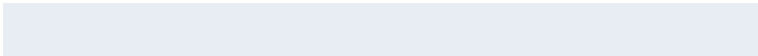
Harmonies

Complementary

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



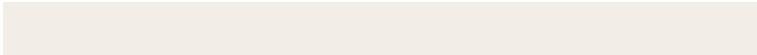
94, 3.737, 74.704



93, 3.708, 256.194

Rectangle

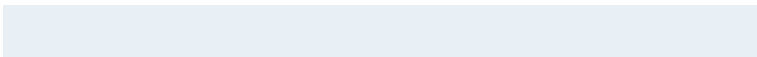
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 3.737, 74.704



94, 3.737, 124.704



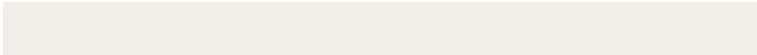
94, 3.737, 254.704



94, 3.737, 304.704

Sweetspot

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



94, 3.738, 74.743



100, 0.773, 74.767



93, 5.302, 343.970



53, 0.439, 74.743



0, 0.000, 0.000



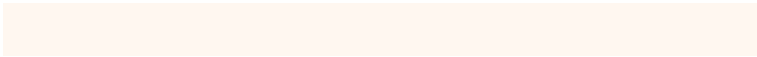
53, 0.007, 296.813

Same Dimension

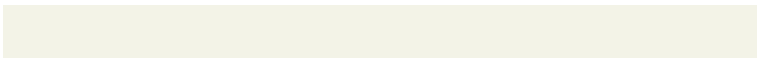
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.738, 74.743



98, 4.736, 74.631



95, 6.129, 109.690



50, 3.043, 74.563



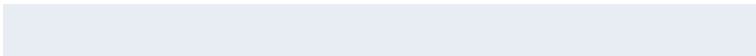
50, 67.287, 60.600



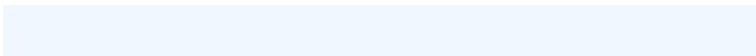
14, 24.632, 61.485

Inverse Universe

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



93, 3.708, 256.194



97, 4.681, 256.317



92, 6.215, 290.683



49, 3.001, 256.392



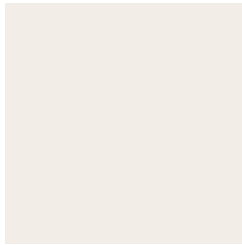
40, 57.082, 284.131



11, 22.183, 276.842

Previews

White Background



This preview shows how the CIELCh color 94, 3.737, 74.704 looks on a white background.

Color Contrast Check

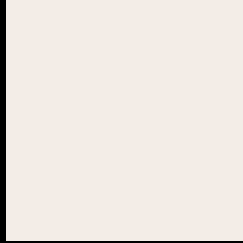
Large Text (above 18pt) WCAG AA × Fail

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, 3.737, 74.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

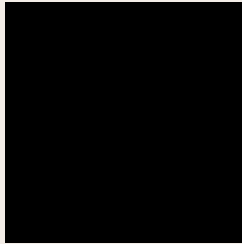
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

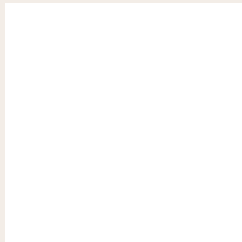
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.737, 74.704

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.737, 74.704.

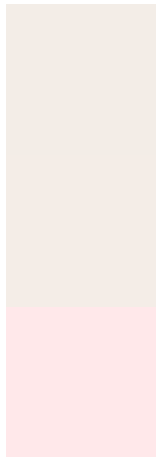


This preview shows how white text looks on a background with the CIELCh color 94, 3.737, 74.704.

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, 3.737, 74.704

Protanopia

94, 3.954, 70.404

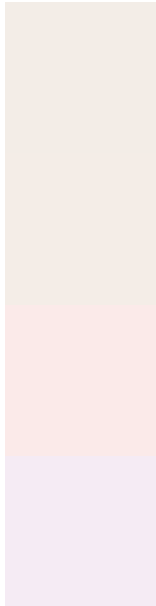
Deuteranopia

94, 8.360, 12.877



Tritanopia
94, 10.223, 314.947

Trichromacy



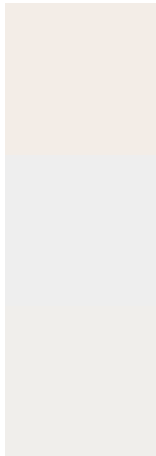
Original Color
94, 3.737, 74.704

Protanomaly
94, 3.954, 70.404

Deuteranomaly
94, 6.140, 24.504

Tritanomaly
94, 5.859, 327.453

Monochromacy



Original Color
94, 3.737, 74.704

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.681, 84.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.737, 74.704 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(243, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 231)  
}
```

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(243, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.737, 74.704 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(243, 237, 231) }
```

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

```
.border{ border-color:rgb(243, 237, 231) }
```

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

Here you see how a box with a 4 pixel rgb(243, 237, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.737, 74.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 231) }
```

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

```
.background{ background-color: rgb(243,  
237, 231) }
```

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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