

Converting Colors

CIELCh(94, 4.691, 25.865)

Have a look what the booklet for
CIELCh(94, 4.691, 25.865) contains.

CIELCh(94, 4.687, 25.864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 4.687, 25.864)

Conversions

Conversions Part 1

Format	Color
Hex	F8EBEA
RGB	248, 235, 234
RGB Percent	97%, 92%, 92%
CMY	0.0277, 0.0786, 0.0825
CMYK	0.00, 0.05, 0.06, 0.03
HSL	4°, 50%, 94%
HSV	4°, 6%, 97%
XYZ	83.2301, 85.2715, 89.8756
YIQ	238.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

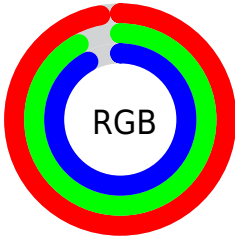
Format	Color
R _Y B	248, 235, 234
Decimal	16313322
CIE Lab	94.00, 4.22, 2.04
CIE LCh	94, 4.687, 25.864
Yxy	85.2715, 0.3221, 0.3300
Android (android.graphics.Color)	4294503402 (0xFF8E8E8E)
YUV	238.7730, -2.3531, 8.0921
Hunter-Lab	92.3426, -0.7141, 6.9338

Details

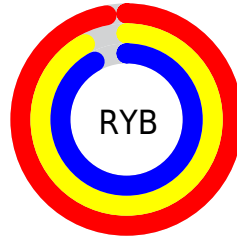
The CIELCh color `94, 4.687, 25.864` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 4.519, 205.802`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 4.949, 25.956` is the 20% darker color. If you saturate the color by 10%, you get `88, 13.532, 26.449`, and if you desaturate by 10%, it is `99, 2.444, 199.521`.

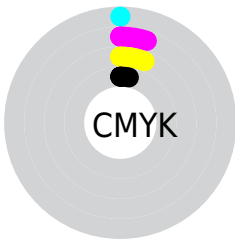
Distribution



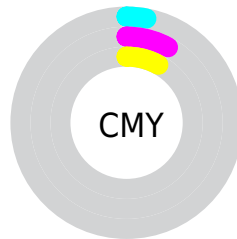
- Red (97%)
- Green (92%)
- Blue (92%)



- Red (97%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.687, 25.864 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, 4.687, 25.864 by changing the saturation by 10% instead.



94, 4.687, 25.864

94, 4.687, 25.864

88, 13.532, 26.449

99, 2.444, 199.521

82, 23.116, 27.119

76, 33.447, 28.021

70, 44.480, 29.236

65, 56.083, 30.843

61, 68.010, 32.904

57, 79.835, 35.389

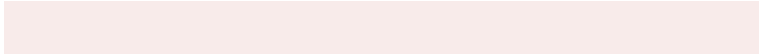
54, 90.739, 38.012

53, 98.937, 39.946

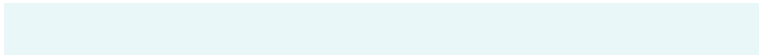
Harmonies

Complementary

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



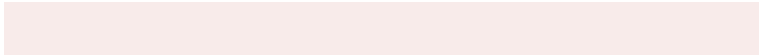
94, 4.687, 25.864



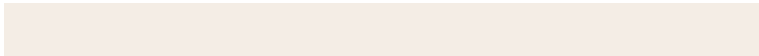
96, 4.519, 205.802

Rectangle

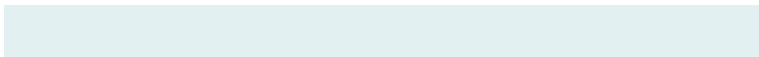
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



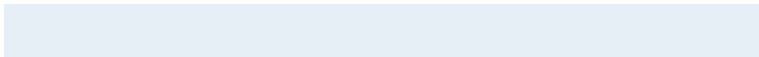
94, 4.687, 25.864



94, 4.687, 75.864



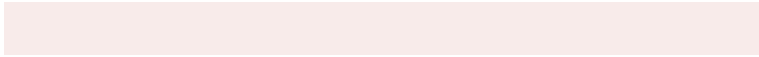
94, 4.687, 205.864



94, 4.687, 255.864

Sweetspot

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



94, 4.686, 25.893



99, 1.673, 25.500



94, 8.381, 326.568



53, 0.951, 25.475



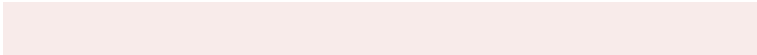
0, 0.000, 0.000



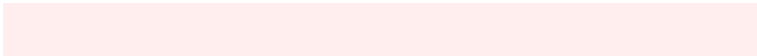
53, 0.007, 296.813

Same Dimension

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



94, 4.686, 25.893



95, 5.977, 25.975



96, 4.581, 81.482



50, 3.829, 26.008



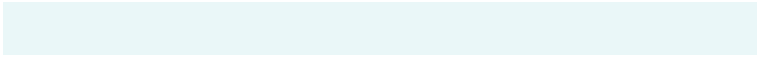
40, 82.384, 40.755



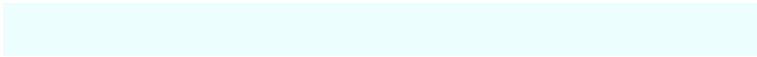
10, 30.759, 29.798

Inverse Universe

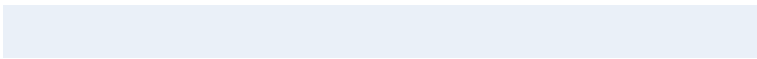
The Inverse Universe completely reimagines the original color for something new.



96, 4.519, 205.802



98, 5.713, 205.736



95, 4.559, 263.095



51, 3.645, 205.711



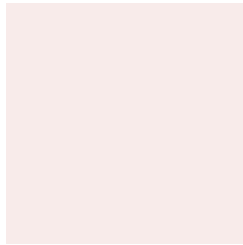
65, 36.499, 208.696



21, 16.672, 207.006

Previews

White Background



This preview shows how the CIELCh color 94, 4.687, 25.864 looks on a white background.

Color Contrast Check

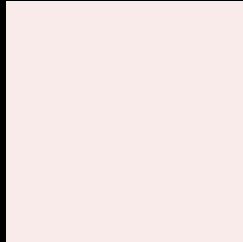
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 4.687, 25.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

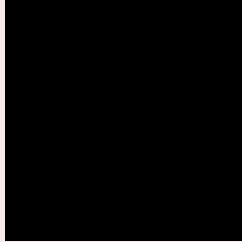
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

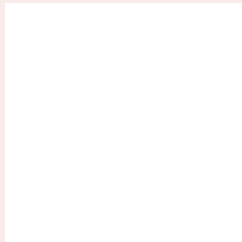
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.687, 25.864

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.687, 25.864.

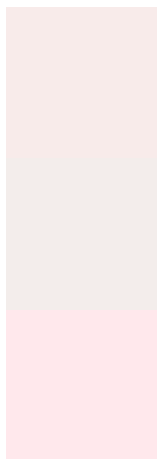


This preview shows how white text looks on a background with the CIELCh color 94, 4.687, 25.864.

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, 4.687, 25.864

Protanopia

94, 2.361, 45.014

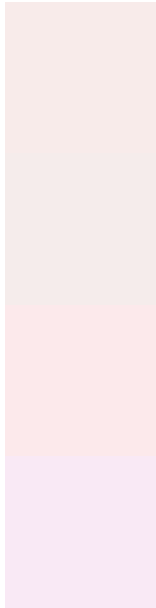
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 11.698, 323.394

Trichromacy



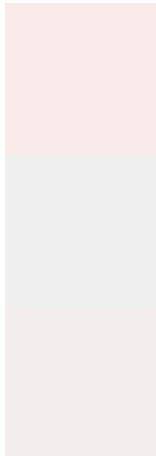
Original Color
94, 4.687, 25.864

Protanomaly
94, 3.251, 28.504

Deuteranomaly
94, 6.909, 11.263

Tritanomaly
94, 8.414, 332.713

Monochromacy



Original Color
94, 4.687, 25.864

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.503, 39.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.687, 25.864 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(248, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 234)  
}
```

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(248, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.687, 25.864 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(248, 235, 234) }
```

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

```
.border{ border-color:rgb(248, 235, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.687, 25.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 234) }
```

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

```
.background{ background-color: rgb(248,  
235, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor