

Converting Colors

CIELCh(94, 2.351, 109.376)

Have a look what the booklet for
CIELCh(94, 2.351, 109.376) contains.

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Color

CIELCh(94, 2.558, 109.948)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EEEEEE9 |
| RGB | 238, 238, 233 |
| RGB Percent | 93%, 93%, 91% |
| CMY | 0.0664, 0.0663, 0.0860 |
| CMYK | 0.00, 0.00, 0.02, 0.07 |
| HSL | 60°, 13%, 92% |
| HSV | 60°, 2%, 93% |
| XYZ | 80.6013, 85.2715, 89.3594 |
| YIQ | 237.4300, 1.6050, -1.5550 |

Conversions

Conversions Part 2

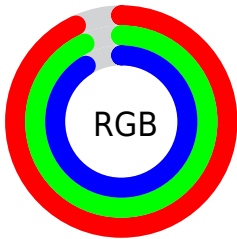
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 233, 238, 233 |
| Decimal | 15658729 |
| CIE Lab | 94.00, -0.87, 2.40 |
| CIE LCh | 94, 2.558, 109.948 |
| Yxy | 85.2715, 0.3158, 0.3341 |
| Android (android.graphics.Color) | 4293848809 (0xFFEEEE9) |
| YUV | 237.4300, -2.1840, 0.4999 |
| Hunter-Lab | 92.3426, -5.7956, 7.2652 |

Details

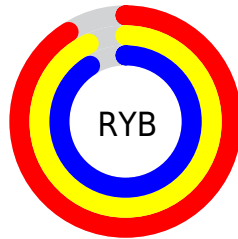
The CIELCh color **94, 2.558, 109.948** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 2.593, 290.444**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 2.693, 109.897** is the 20% darker color. If you saturate the color by 10%, you get **93, 14.766, 109.037**, and if you desaturate by 10%, it is **95, 8.709, 290.897**.

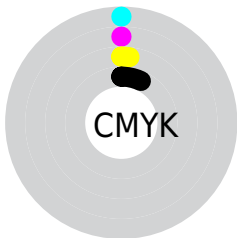
Distribution



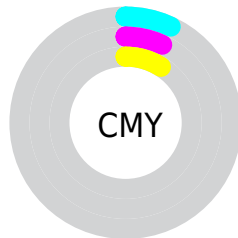
- Red (93%)
- Green (93%)
- Blue (91%)



- Red (91%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.558, 109.948 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, 2.558, 109.948 by changing the saturation by 10% instead.

94, 2.558, 109.948

94, 2.558, 109.948

100, 2.558,
109.948

84, 2.558, 109.948

74, 2.558, 109.948

64, 2.558, 109.948

54, 2.558, 109.948

44, 2.558, 109.948

34, 2.558, 109.948

24, 2.558, 109.948

14, 2.558, 109.948

4, 2.558, 109.948

94, 2.558, 109.948

94, 2.558, 109.948

93, 14.766,
109.037

95, 8.709, 290.897

93, 26.875,
108.063

95, 8.709, 290.942

93, 38.788,
107.097

95, 8.709, 290.988

92, 50.350,
106.159

95, 8.709, 291.079

92, 61.320,
105.275

95, 8.709, 291.125

92, 71.337,
104.481

95, 8.710, 291.216

92, 79.900,
103.815

95, 8.710, 291.262

91, 86.422,
103.318

■ 91, 90.430,
103.020

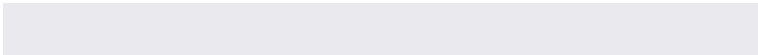
Harmonies

Complementary

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



94, 2.558, 109.948



93, 2.593, 290.444

Rectangle

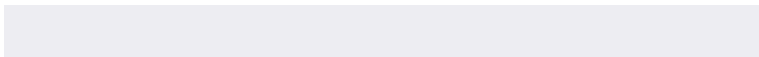
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



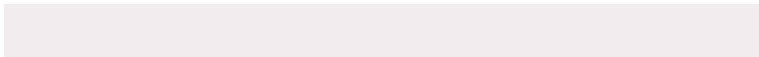
94, 2.558, 109.948



94, 2.558, 159.948



94, 2.558, 289.948



94, 2.558, 339.948

Sweetspot

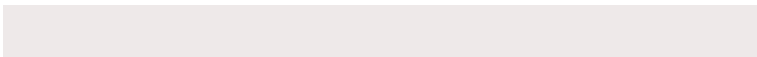
The Sweet Spot groups the original color and five complimentary colors.



94, 2.560, 109.982



100, 1.282, 110.056



93, 1.784, 19.180



53, 0.729, 110.057



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, 2.560, 109.982



100, 3.868, 109.903



94, 2.722, 129.027



50, 2.789, 109.832



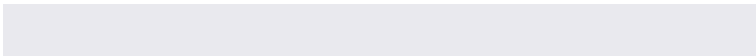
72, 75.720, 102.905



23, 31.944, 103.354

Inverse Universe

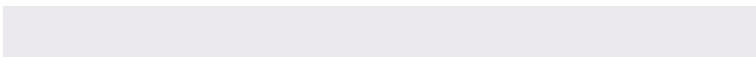
The Inverse Universe completely reimagines the original color for something new.



93, 2.593, 290.444



98, 3.916, 290.526



93, 2.750, 309.111



49, 2.824, 290.601



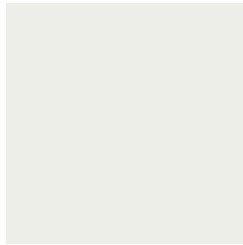
22, 104.551, 306.290



3, 37.811, 298.770

Previews

White Background



This preview shows how the CIE LCh color 94, 2.558, 109.948 looks on a white background.

Color Contrast Check

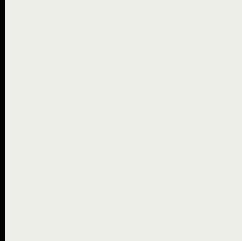
Large Text (above 18pt) WCAG AA × Fail

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, 2.558, 109.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

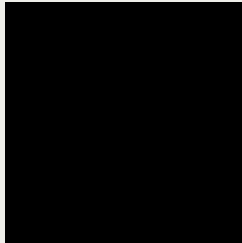
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

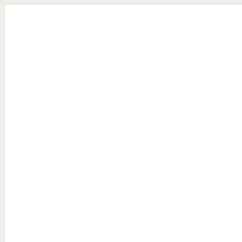
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.558, 109.948

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.558, 109.948.

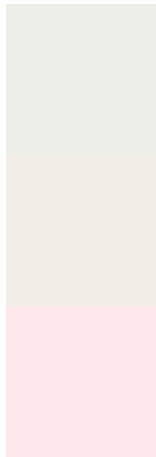


This preview shows how white text looks on a background with the CIELCh color 94, 2.558, 109.948.

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, 2.558, 109.948

Protanopia

94, 3.328, 69.680

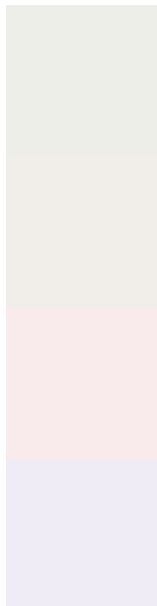
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 10.044, 302.818

Trichromacy



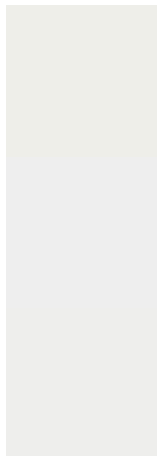
Original Color
94, 2.558, 109.948

Protanomaly
94, 2.920, 80.590

Deuteranomaly
94, 5.406, 14.219

Tritanomaly
94, 5.363, 305.684

Monochromacy



Original Color
94, 2.558, 109.948

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.017, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.558, 109.948 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(238, 238, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 233)  
}
```

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(238, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.558, 109.948 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(238, 238, 233) }
```

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

```
.border{ border-color:rgb(238, 238, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.558, 109.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 233) }
```

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

```
.background{ background-color: rgb(238,  
238, 233) }
```

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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