

Converting Colors

CIELCh(94, 0.128, 57.698)

Have a look what the booklet for
CIELCh(94, 0.128, 57.698) contains.

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Color

CIELCh(94, 0.503, 109.992)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEED
RGB	238, 238, 237
RGB Percent	93%, 93%, 93%
CMY	0.0675, 0.0675, 0.0714
CMYK	0.00, 0.00, 0.00, 0.07
HSL	60°, 3%, 93%
HSV	60°, 0%, 93%
XYZ	80.9599, 85.2715, 92.1537
YIQ	237.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 238, 237
Decimal	15658733
CIE Lab	94.00, -0.17, 0.47
CIE LCh	94, 0.503, 109.992
Yxy	85.2715, 0.3133, 0.3300
Android (android.graphics.Color)	4293848813 (0xFFEEEEED)
YUV	237.8860, -0.4368, 0.1000
Hunter-Lab	92.3426, -5.1025, 5.4711

Details

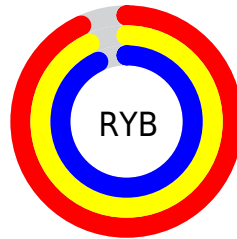
The CIELCh color `94, 0.503, 109.992` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 0.527, 290.516`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 0.531, 110.014` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.709, 109.334`, and if you desaturate by 10%, it is `94, 8.857, 291.080`.

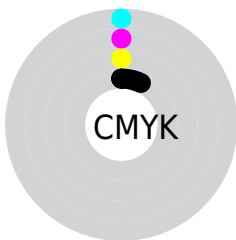
Distribution



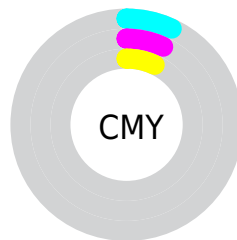
- Red (93%)
- Green (93%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 0.503, 109.992 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, 0.503, 109.992 by changing the saturation by 10% instead.



94, 0.503, 109.992

94, 0.503, 109.992

93, 12.709,
109.334

94, 8.857, 291.080

93, 24.829,
108.366

94, 8.858, 291.297

93, 36.772,
107.402

95, 8.859, 291.514

92, 48.395,
106.463

95, 8.861, 291.948

92, 59.475,
105.573

95, 8.862, 292.165

92, 69.674,
104.767

95, 8.865, 292.599

91, 78.514,
104.084

95, 8.866, 292.816

91, 85.414,
103.566

■ 91, 89.860,
103.246

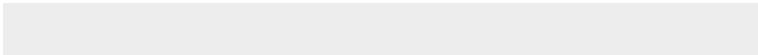
Harmonies

Complementary

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



94, 0.503, 109.992



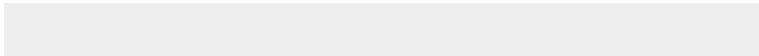
94, 0.527, 290.516

Rectangle

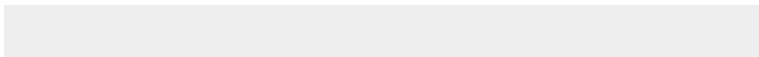
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



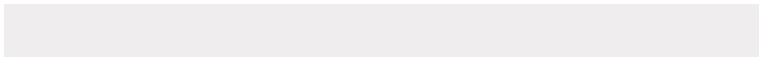
94, 0.503, 109.992



94, 0.503, 159.992



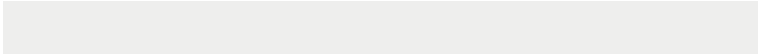
94, 0.503, 289.992



94, 0.503, 339.992

Sweetspot

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



94, 0.505, 110.159

100, 0.012, 296.813



94, 0.357, 17.675



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, 0.505, 110.159



100, 1.282, 110.186



94, 0.537, 129.301



50, 0.692, 110.188



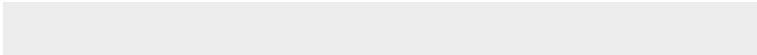
72, 75.722, 103.107



23, 31.943, 103.536

Inverse Universe

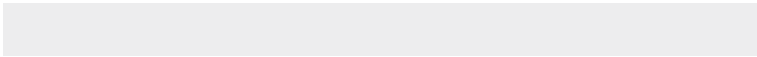
The Inverse Universe completely reimagines the original color for something new.



94, 0.527, 290.516



99, 1.308, 290.494



94, 0.559, 308.847



50, 0.707, 290.492



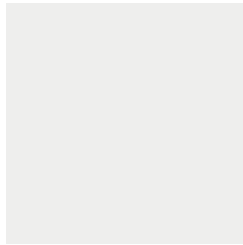
22, 104.534, 306.299



3, 37.819, 298.846

Previews

White Background



This preview shows how the CIELCh color 94, 0.503, 109.992 looks on a white background.

Color Contrast Check

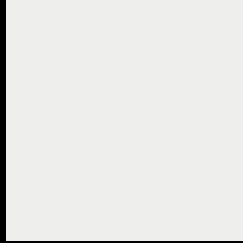
Large Text (above 18pt) WCAG AA × Fail

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, 0.503, 109.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

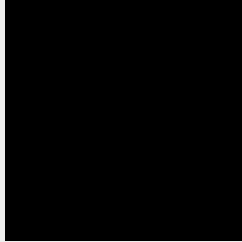
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

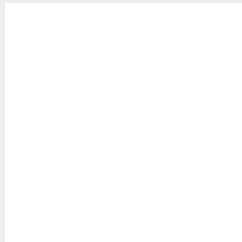
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 0.503, 109.992

Background



This preview shows how black text looks on a background with the CIELCh color 94, 0.503, 109.992.

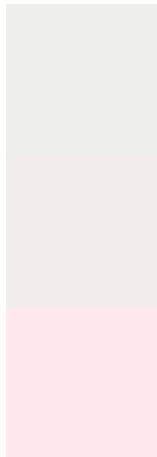


This preview shows how white text looks on a background with the CIELCh color 94, 0.503, 109.992.

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, 0.503, 109.992

Protanopia

94, 1.845, 35.328

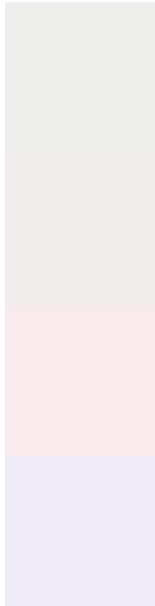
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 9.975, 300.878

Trichromacy



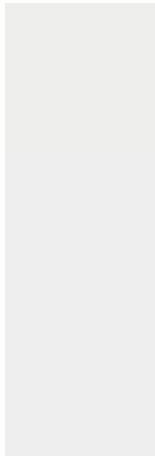
Original Color
94, 0.503, 109.992

Protanomaly
94, 1.174, 44.829

Deuteranomaly
94, 5.751, 358.779

Tritanomaly
94, 6.291, 300.211

Monochromacy



Original Color
94, 0.503, 109.992

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 0.503, 109.992 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 0.503, 109.992 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, 237) }
```

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

```
.border{ border-color:rgb(238, 238, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 0.503, 109.992 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, 237) }
```

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

```
.background{ background-color: rgb(238,  
238, 237) }
```

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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