

Converting Colors

CIELCh(94, 3.873, 195.227)

Have a look what the booklet for
CIELCh(94, 3.873, 195.227) contains.

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Color

CIELCh(94, 3.841, 199.315)

Conversions

Conversions Part 1

Format	Color
Hex	E5F0F0
RGB	229, 240, 240
RGB Percent	90%, 94%, 94%
CMY	0.1019, 0.0588, 0.0588
CMYK	0.05, 0.00, 0.00, 0.06
HSL	180°, 27%, 92%
HSV	180°, 5%, 94%
XYZ	79.2034, 85.2715, 94.7246
YIQ	236.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

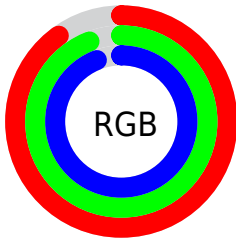
Format	Color
R _Y B	229, 235, 240
Decimal	15069424
CIE Lab	94.00, -3.62, -1.27
CIE LCh	94, 3.841, 199.315
Yxy	85.2715, 0.3056, 0.3290
Android (android.graphics.Color)	4293259504 (0xFFE5F0F0)
YUV	236.7110, 1.6215, -6.7625
Hunter-Lab	92.3426, -8.4979, 3.8204

Details

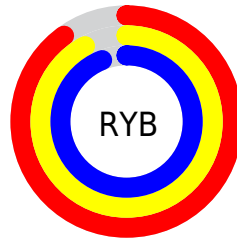
The CIELCh color **94, 3.841, 199.315** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 3.955, 19.497**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.664, 199.250** is the 20% darker color. If you saturate the color by 10%, you get **92, 11.913, 198.642**, and if you desaturate by 10%, it is **96, 4.636, 19.551**.

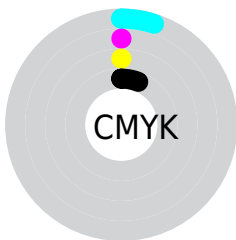
Distribution



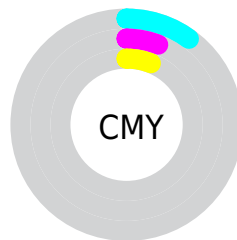
- Red (90%)
- Green (94%)
- Blue (94%)



- Red (90%)
- Yellow (92%)
- Blue (94%)



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



- Cyan (10%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.841, 199.315 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, 3.841, 199.315 by changing the saturation by 10% instead.

■ 94, 3.841, 199.315

■ 94, 3.841, 199.315

■ 100, 3.841,
199.315

■ 84, 3.841, 199.315

■ 74, 3.841, 199.315

■ 64, 3.841, 199.315

■ 54, 3.841, 199.315

■ 44, 3.841, 199.315

■ 34, 3.841, 199.315

■ 24, 3.841, 199.315

■ 14, 3.841, 199.315

■ 4, 3.841, 199.315

94, 3.841, 199.315

94, 3.841, 199.315

92, 11.913,
198.642

96, 4.636, 19.551

91, 19.445,
198.133

96, 5.355, 19.576

90, 26.301,
197.687

96, 5.355, 19.530

89, 32.344,
197.302

96, 5.355, 19.440

88, 37.454,
196.982

96, 5.355, 19.394

87, 41.543,
196.729

96, 5.355, 19.303

87, 44.569,
196.542

96, 5.355, 19.258

87, 46.552,
196.419

■ 86, 47.589,
196.352

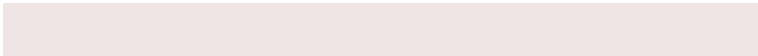
Harmonies

Complementary

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



94, 3.841, 199.315



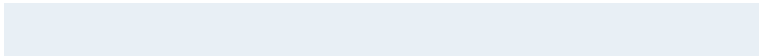
92, 3.955, 19.497

Rectangle

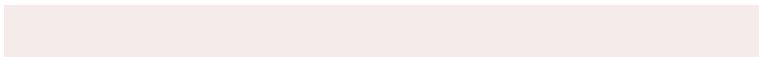
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



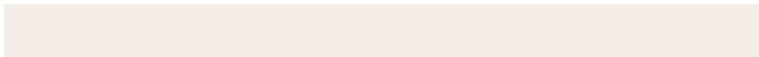
94, 3.841, 199.315



94, 3.841, 249.315



94, 3.841, 19.315



94, 3.841, 69.315

Sweetspot

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



94, 3.842, 199.286



100, 0.886, 200.068



94, 6.876, 143.786



53, 0.504, 200.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

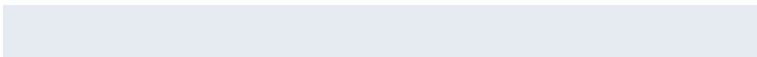
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.842, 199.286



99, 5.264, 199.168



93, 3.366, 254.287



50, 3.314, 199.123



68, 39.167, 196.333



21, 17.097, 196.340

Inverse Universe

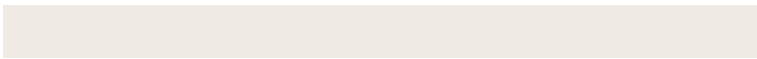
The Inverse Universe completely reimagines the original color for something new.



92, 3.955, 19.497



96, 5.468, 19.628



93, 3.394, 72.916



48, 3.456, 19.680



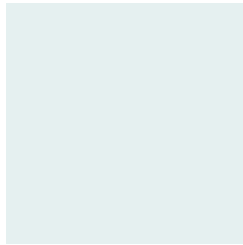
38, 81.687, 39.981



8, 29.834, 23.793

Previews

White Background



This preview shows how the CIE LCh color 94, 3.841, 199.315 looks on a white background.

Color Contrast Check

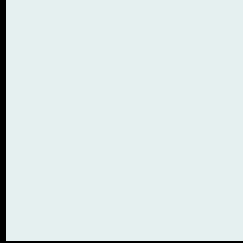
Large Text (above 18pt) WCAG AA × Fail

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, 3.841, 199.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

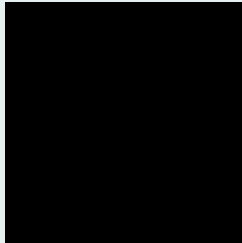
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

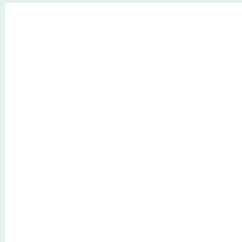
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.841, 199.315

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.841, 199.315.

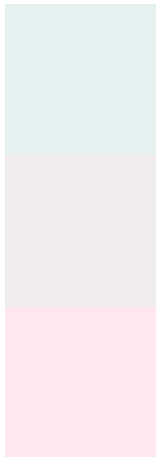


This preview shows how white text looks on a background with the CIELCh color 94, 3.841, 199.315.

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, 3.841, 199.315

Protanopia

94, 2.066, 349.352

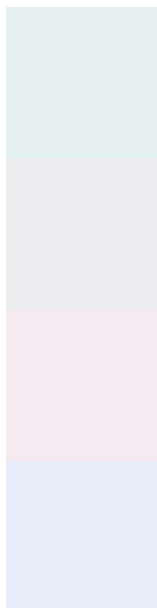
Deuteranopia

94, 10.013, 349.202



Tritanopia
94, 9.400, 280.460

Trichromacy



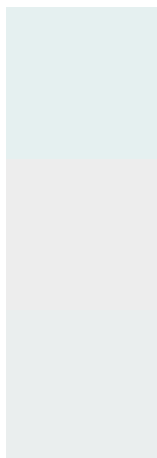
Original Color
94, 3.841, 199.315

Protanomaly
94, 1.040, 290.329

Deuteranomaly
94, 5.606, 339.713

Tritanomaly
94, 6.593, 269.266

Monochromacy



Original Color
94, 3.841, 199.315

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.407, 199.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.841, 199.315 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(229, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 240, 240)  
}
```

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(229, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.841, 199.315 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(229, 240, 240) }
```

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

```
.border{ border-color:rgb(229, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.841, 199.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 240, 240) }
```

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

```
.background{ background-color: rgb(229,  
240, 240) }
```

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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