

Converting Colors

CIE LCh(94, 3.104, 206.735)

Have a look what the booklet for
CIELCh(94, 3.104, 206.735) contains.

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Color

CIELCh(94, 3.148, 199.397)

Conversions

Conversions Part 1

Format	Color
Hex	E7F0F0
RGB	231, 240, 240
RGB Percent	91%, 94%, 94%
CMY	0.0957, 0.0604, 0.0604
CMYK	0.04, 0.00, 0.00, 0.06
HSL	180°, 23%, 92%
HSV	180°, 4%, 94%
XYZ	79.5348, 85.2715, 94.3902
YIQ	237.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

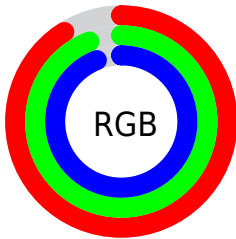
Format	Color
R _Y B	231, 236, 240
Decimal	15200496
CIE Lab	94.00, -2.97, -1.05
CIE LCh	94, 3.148, 199.397
Yxy	85.2715, 0.3069, 0.3290
Android (android.graphics.Color)	4293390576 (0xFFE7F0F0)
YUV	237.3090, 1.3267, -5.5330
Hunter-Lab	92.3426, -7.8571, 4.0351

Details

The CIELCh color `94, 3.148, 199.397` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 3.226, 19.403`, 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, 3.302, 199.295` is the 20% darker color. If you saturate the color by 10%, you get `92, 11.247, 198.681`, and if you desaturate by 10%, it is `96, 5.346, 19.611`.

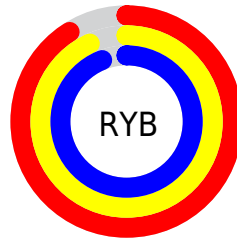
Distribution



Red (91%)

Green (94%)

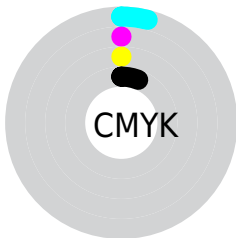
Blue (94%)



Red (91%)

Yellow (93%)

Blue (94%)

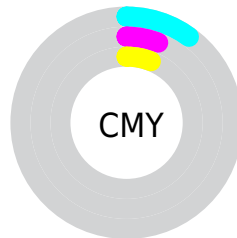


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.148, 199.397 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, 3.148, 199.397 by changing the saturation by 10% instead.

94, 3.148, 199.397

94, 3.148, 199.397

100, 3.148,
199.397

84, 3.148, 199.397

74, 3.148, 199.397

64, 3.148, 199.397

54, 3.148, 199.397

44, 3.148, 199.397

34, 3.148, 199.397

24, 3.148, 199.397

14, 3.148, 199.397

4, 3.148, 199.397

94, 3.148, 199.397

94, 3.148, 199.397

92, 11.247,
198.681

96, 5.346, 19.611

91, 18.819,
198.166

96, 5.504, 19.572

90, 25.727,
197.714

96, 5.504, 19.518

89, 31.835,
197.324

96, 5.504, 19.410

88, 37.020,
196.998

96, 5.504, 19.356

87, 41.191,
196.738

96, 5.504, 19.248

87, 44.302,
196.545

96, 5.504, 19.194

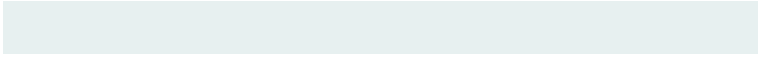
86, 46.367,
196.416

 86, 47.476,
196.344

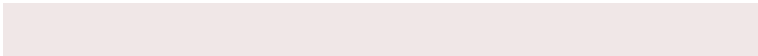
Harmonies

Complementary

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



94, 3.148, 199.397



92, 3.226, 19.403

Rectangle

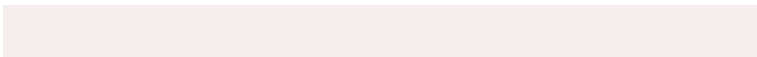
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



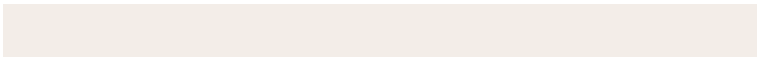
94, 3.148, 199.397



94, 3.148, 249.397



94, 3.148, 19.397



94, 3.148, 69.397

Sweetspot

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



94, 3.149, 199.361



100, 0.886, 200.061



94, 5.620, 143.843



53, 0.504, 200.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

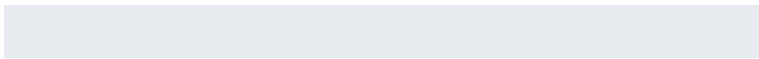
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.149, 199.361



99, 4.397, 199.241



93, 2.757, 254.210



50, 2.847, 199.187



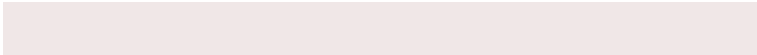
68, 39.169, 196.321



21, 17.098, 196.330

Inverse Universe

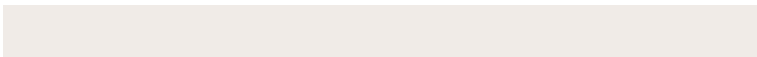
The Inverse Universe completely reimagines the original color for something new.



92, 3.226, 19.403



97, 4.539, 19.532



93, 2.770, 72.987



48, 2.951, 19.593



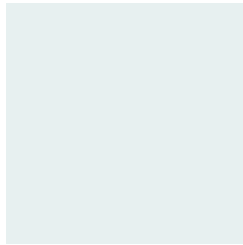
38, 81.683, 39.978



8, 29.834, 23.789

Previews

White Background



This preview shows how the CIE LCh color 94, 3.148, 199.397 looks on a white background.

Color Contrast Check

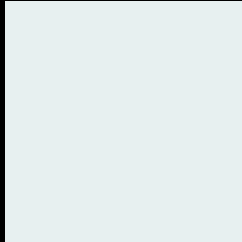
Large Text (above 18pt) WCAG AA × Fail

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, 3.148, 199.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

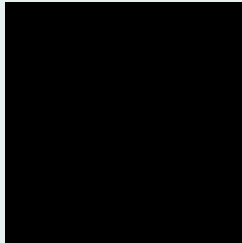
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

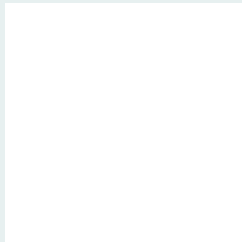
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.148, 199.397

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.148, 199.397.



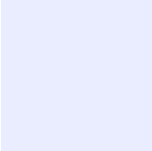
This preview shows how white text looks on a background with the CIELCh color 94, 3.148, 199.397.

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](#).

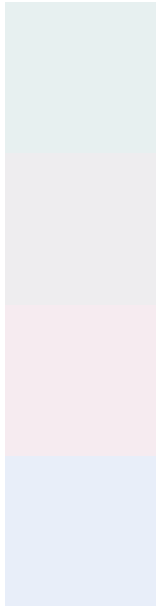
Dichromacy





Tritanopia
94, 9.350, 282.513

Trichromacy



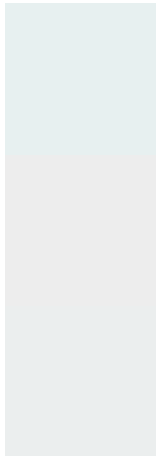
Original Color
94, 3.148, 199.397

Protanomaly
94, 1.103, 308.983

Deuteranomaly
94, 4.701, 346.454

Tritanomaly
94, 5.999, 270.464

Monochromacy



Original Color
94, 3.148, 199.397

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.056, 199.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.148, 199.397 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(231, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.148, 199.397 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(231, 240, 240) }
```

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

```
.border{ border-color:rgb(231, 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(231, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.148, 199.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 240, 240) }
```

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

```
.background{ background-color: rgb(231,  
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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