

Converting Colors

CIELCh(94, 4.768, 216.747)

Have a look what the booklet for
CIELCh(94, 4.768, 216.747) contains.

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Color

CIELCh(94, 4.739, 218.307)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0F3
RGB	227, 240, 243
RGB Percent	89%, 94%, 95%
CMY	0.1091, 0.0581, 0.0463
CMYK	0.07, 0.01, 0.00, 0.05
HSL	191°, 40%, 92%
HSV	191°, 7%, 95%
XYZ	79.1560, 85.2715, 97.2277
YIQ	236.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

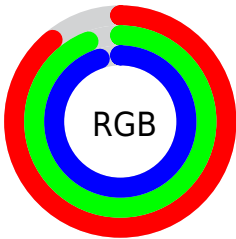
Format	Color
R_{YB}	227, 234, 243
Decimal	14938355
CIE Lab	94.00, -3.72, -2.94
CIE LCh	94, 4.739, 218.307
Yxy	85.2715, 0.3025, 0.3259
Android (android.graphics.Color)	4293128435 (0xFFE3F0F3)
YUV	236.4550, 3.2267, -8.2920
Hunter-Lab	92.3426, -8.5895, 2.2133

Details

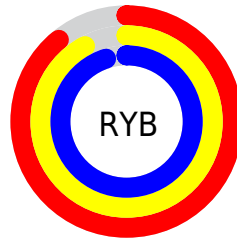
The CIELCh color **94, 4.739, 218.307** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 4.936, 37.791**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.620, 219.806** is the 20% darker color. If you saturate the color by 10%, you get **91, 11.623, 218.523**, and if you desaturate by 10%, it is **97, 2.514, 37.704**.

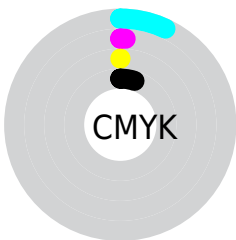
Distribution



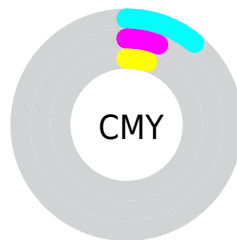
- Red (89%)
- Green (94%)
- Blue (95%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.739, 218.307 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, 4.739, 218.307 by changing the saturation by 10% instead.

■ 94, 4.739, 218.307

■ 94, 4.739, 218.307

■ 100, 4.739,
218.307

■ 84, 4.739, 218.307

■ 74, 4.739, 218.307

■ 64, 4.739, 218.307

■ 54, 4.739, 218.307

■ 44, 4.739, 218.307

■ 34, 4.739, 218.307

■ 24, 4.739, 218.307

■ 14, 4.739, 218.307

■ 4, 4.739, 218.307

94, 4.739, 218.307

94, 4.739, 218.307

91, 11.623,
218.523

97, 2.514, 37.704

89, 18.035,
218.996

98, 3.688, 76.584

86, 23.864,
219.696

99, 5.412, 105.436

100, 5.978,
109.718

84, 28.996,
220.673

81, 33.327,
221.992

79, 36.780,
223.730

78, 39.325,
225.971

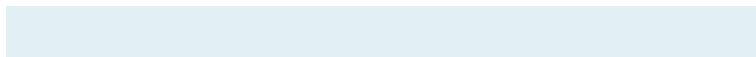
76, 41.005,
228.790

■ 74, 41.960,
232.230

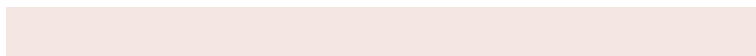
Harmonies

Complementary

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



94, 4.739, 218.307



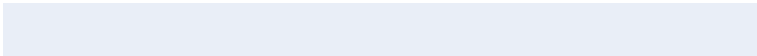
92, 4.936, 37.791

Rectangle

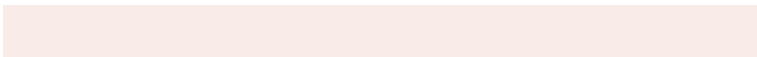
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



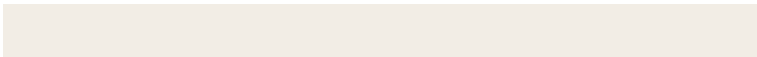
94, 4.739, 218.307



94, 4.739, 268.307



94, 4.739, 38.307



94, 4.739, 88.307

Sweetspot

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



94, 4.740, 218.280



99, 1.514, 218.477



94, 8.839, 149.575



53, 0.861, 218.498



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, 4.740, 218.280



98, 5.966, 218.294



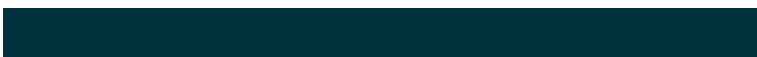
92, 5.897, 273.318



50, 4.085, 218.318



58, 34.504, 232.805



17, 15.281, 227.393

Inverse Universe

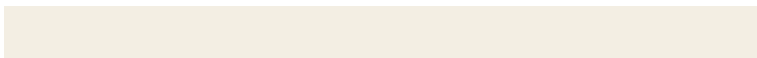
The Inverse Universe completely reimagines the original color for something new.



92, 8.842, 330.453



95, 11.181, 330.550



94, 5.880, 91.579



48, 7.692, 330.648



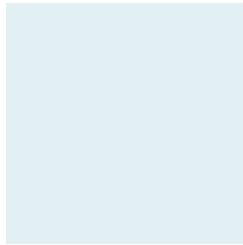
42, 78.860, 337.397



10, 35.726, 335.964

Previews

White Background



This preview shows how the CIELCh color 94, 4.739, 218.307 looks on a white background.

Color Contrast Check

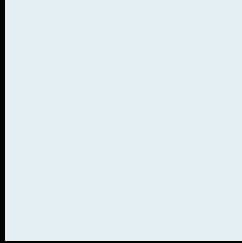
Large Text (above 18pt) WCAG AA × Fail

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, 4.739, 218.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

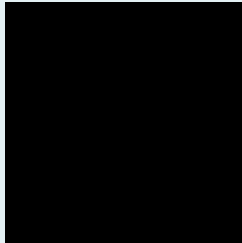
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

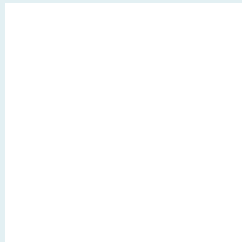
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.739, 218.307

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.739, 218.307.



This preview shows how white text looks on a background with the CIELCh color 94, 4.739, 218.307.

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](#).

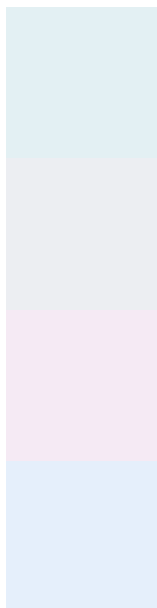
Dichromacy





Tritanopia
94, 9.118, 273.495

Trichromacy



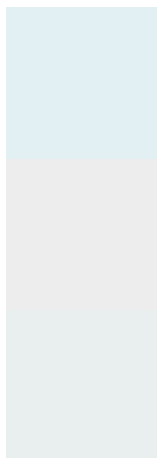
Original Color
94, 4.739, 218.307

Protanomaly
94, 2.173, 271.561

Deuteranomaly
94, 6.487, 327.207

Tritanomaly
94, 7.006, 261.403

Monochromacy



Original Color
94, 4.739, 218.307

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.824, 216.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.739, 218.307 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(227, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 243)  
}
```

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(227, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.739, 218.307 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(227, 240, 243) }
```

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

```
.border{ border-color:rgb(227, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.739, 218.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 243) }
```

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

```
.background{ background-color: rgb(227,  
240, 243) }
```

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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