

Converting Colors

CIELCh(94, 4.534, 199.243)

Have a look what the booklet for
CIELCh(94, 4.534, 199.243) contains.

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Color

CIELCh(94, 4.531, 199.244)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0F0
RGB	227, 240, 240
RGB Percent	89%, 94%, 94%
CMY	0.1082, 0.0572, 0.0572
CMYK	0.05, 0.00, 0.00, 0.06
HSL	180°, 31%, 92%
HSV	180°, 5%, 94%
XYZ	78.8740, 85.2715, 95.0568
YIQ	236.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

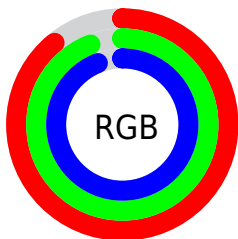
Format	Color
R _Y B	227, 234, 240
Decimal	14938352
CIE Lab	94.00, -4.28, -1.49
CIE LCh	94, 4.531, 199.244
Yxy	85.2715, 0.3043, 0.3290
Android (android.graphics.Color)	4293128432 (0xFFE3F0F0)
YUV	236.1130, 1.9163, -7.9921
Hunter-Lab	92.3426, -9.1345, 3.6071

Details

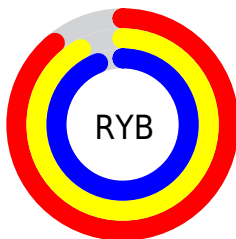
The CIELCh color **94, 4.531, 199.244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 4.690, 19.578**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.386, 199.169** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.574, 198.602**, and if you desaturate by 10%, it is **96, 3.929, 19.482**.

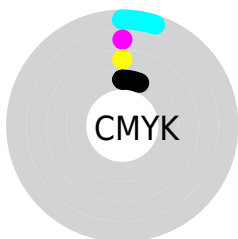
Distribution



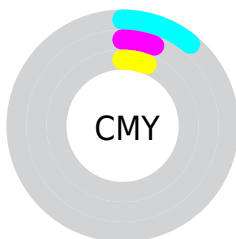
- Red (89%)
- Green (94%)
- Blue (94%)



- Red (89%)
- Yellow (92%)
- Blue (94%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.531, 199.244 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, 4.531, 199.244 by changing the saturation by 10% instead.

 94, 4.531, 199.244

 94, 4.531, 199.244

 100, 4.531,
199.244

 84, 4.531, 199.244

 74, 4.531, 199.244

 64, 4.531, 199.244

 54, 4.531, 199.244

 44, 4.531, 199.244

 34, 4.531, 199.244

 24, 4.531, 199.244

 14, 4.531, 199.244

 4, 4.531, 199.244

94, 4.531, 199.244

94, 4.531, 199.244

92, 12.574,
198.602

96, 3.929, 19.482

91, 20.066,
198.098

96, 5.208, 19.573

90, 26.869,
197.657

96, 5.208, 19.533

89, 32.847,
197.278

96, 5.208, 19.492

96, 5.208, 19.451

88, 37.881,
196.963

96, 5.208, 19.411

87, 41.888,
196.716


96, 5.208, 19.370

96, 5.208, 19.330

87, 44.829,
196.535

96, 5.208, 19.289

87, 46.731,
196.417

 86, 47.697,
196.356

Harmonies

Complementary

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



94, 4.531, 199.244



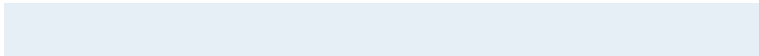
91, 4.690, 19.578

Rectangle

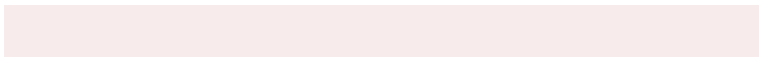
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



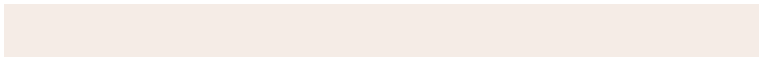
94, 4.531, 199.244



94, 4.531, 249.244



94, 4.531, 19.244



94, 4.531, 69.244

Sweetspot

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



94, 4.532, 199.219



100, 1.770, 199.642



94, 8.133, 143.732



53, 1.006, 199.667



0, 0.000, 0.000



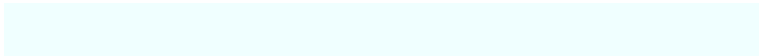
53, 0.007, 296.813

Same Dimension

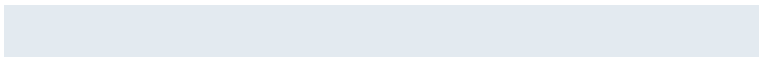
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.532, 199.219



99, 5.264, 199.172



92, 3.975, 254.374



50, 3.314, 199.127



68, 39.165, 196.340



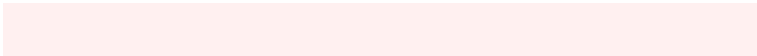
21, 17.097, 196.347

Inverse Universe

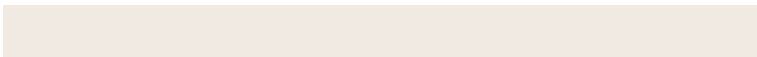
The Inverse Universe completely reimagines the original color for something new.



91, 4.690, 19.578



96, 5.468, 19.632



93, 4.020, 72.836



48, 3.456, 19.684



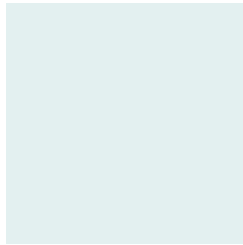
38, 81.689, 39.983



8, 29.835, 23.794

Previews

White Background



This preview shows how the CIELCh color 94, 4.531, 199.244 looks on a white background.

Color Contrast Check

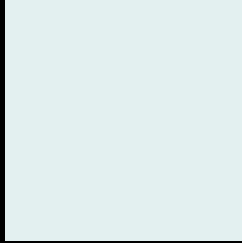
Large Text (above 18pt) WCAG AA × Fail

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, 4.531, 199.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

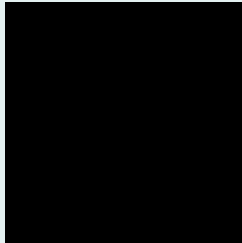
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

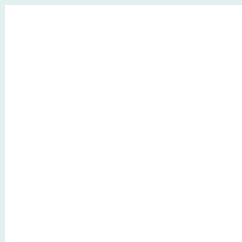
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.531, 199.244

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.531, 199.244.

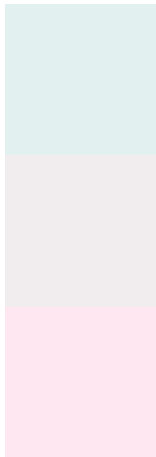


This preview shows how white text looks on a background with the CIELCh color 94, 4.531, 199.244.

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

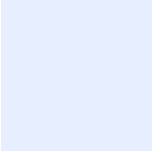
94, 4.531, 199.244

Protanopia

94, 2.066, 349.352

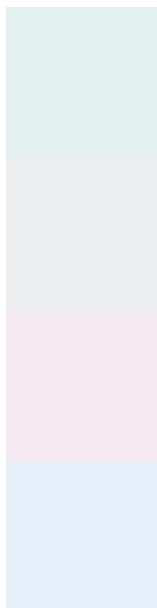
Deuteranopia

94, 10.279, 346.735



Tritanopia
94, 9.029, 275.554

Trichromacy



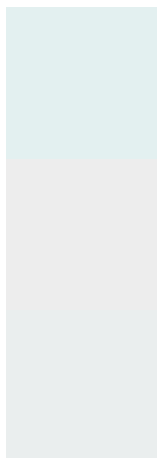
Original Color
94, 4.531, 199.244

Protanomaly
94, 0.871, 236.436

Deuteranomaly
94, 5.340, 337.225

Tritanomaly
94, 6.401, 261.756

Monochromacy



Original Color
94, 4.531, 199.244

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, 4.531, 199.244 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 240, 240) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 94, 4.531, 199.244 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, 240) }
```

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

```
.border{ border-color:rgb(227, 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(227, 240, 240) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 94, 4.531, 199.244 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, 240) }
```

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

```
.background{ background-color: rgb(227,  
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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