

Converting Colors

CIELCh(94, 3.870, 151.297)

Have a look what the booklet for
CIELCh(94, 3.870, 151.297) contains.

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Color

CIELCh(94, 4.207, 152.210)

Conversions

Conversions Part 1

Format	Color
Hex	E8F0EA
RGB	232, 240, 234
RGB Percent	91%, 94%, 92%
CMY	0.0909, 0.0595, 0.0830
CMYK	0.03, 0.00, 0.03, 0.06
HSL	135°, 21%, 92%
HSV	135°, 3%, 94%
XYZ	79.1544, 85.2715, 89.9952
YIQ	236.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

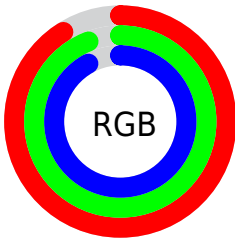
Format	Color
R_{YB}	232, 238, 240
Decimal	15266026
CIE _{Lab}	94.00, -3.72, 1.96
CIE _{LCh}	94, 4.207, 152.210
Y _{xy}	85.2715, 0.3111, 0.3352
Android (android.graphics.Color)	4293456106 (0xFFE8F0EA)
YUV	236.9240, -1.4415, -4.3183
Hunter-Lab	92.3426, -8.5925, 6.8570

Details

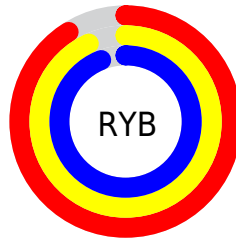
The CIELCh color **94, 4.207, 152.210** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 4.231, 332.464**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.427, 152.127** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.945, 151.424**, and if you desaturate by 10%, it is **96, 8.171, 331.209**.

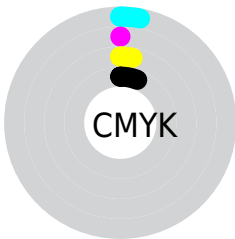
Distribution



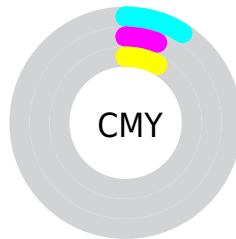
- Red (91%)
- Green (94%)
- Blue (92%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.207, 152.210 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, 4.207, 152.210 by changing the saturation by 10% instead.

 94, 4.207, 152.210

 94, 4.207, 152.210

 100, 4.207,
152.210

 84, 4.207, 152.210

 74, 4.207, 152.210

 64, 4.207, 152.210

 54, 4.207, 152.210

 44, 4.207, 152.210

 34, 4.207, 152.210

 24, 4.207, 152.210

 14, 4.207, 152.210

 4, 4.207, 152.210

94, 4.207, 152.210

94, 4.207, 152.210

92, 16.945,
151.424

96, 8.171, 331.209

90, 29.712,
150.589

96, 9.459, 324.738

88, 42.334,
149.629


87, 54.595,
148.520

86, 66.245,
147.243

85, 77.019,
145.789

84, 86.659,
144.164

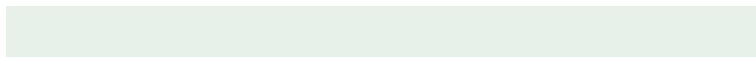
84, 94.943,
142.402

 83, 101.704,
140.578

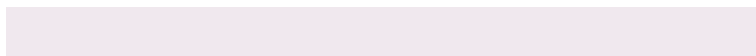
Harmonies

Complementary

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



94, 4.207, 152.210



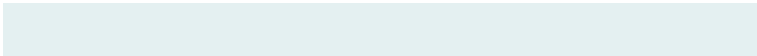
93, 4.231, 332.464

Rectangle

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



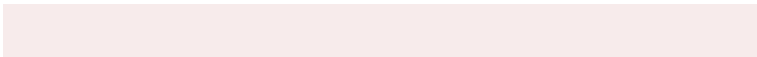
94, 4.207, 152.210



94, 4.207, 202.210



94, 4.207, 332.210



94, 4.207, 22.210

Sweetspot

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



94, 4.209, 152.206



100, 1.317, 152.566



94, 4.158, 119.068



53, 0.748, 152.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

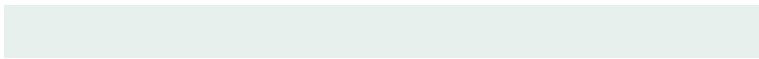
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.209, 152.206



99, 5.307, 152.146



94, 3.031, 178.192



50, 3.588, 152.085



65, 85.602, 139.745



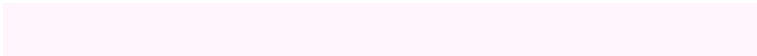
20, 34.707, 142.973

Inverse Universe

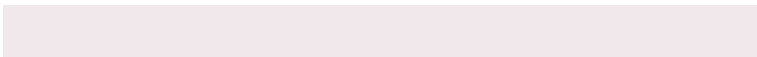
The Inverse Universe completely reimagines the original color for something new.



93, 4.231, 332.464



97, 5.332, 332.523



93, 3.073, 358.439



49, 3.603, 332.581



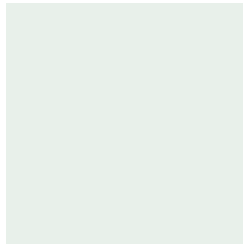
41, 74.592, 341.344



9, 33.381, 339.089

Previews

White Background



This preview shows how the CIE LCh color 94, 4.207, 152.210 looks on a white background.

Color Contrast Check

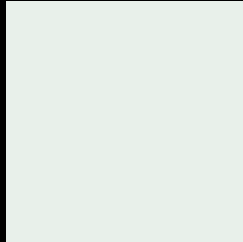
Large Text (above 18pt) WCAG AA × Fail

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, 4.207, 152.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

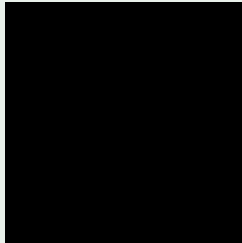
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

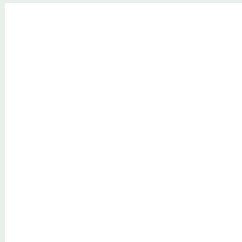
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.207, 152.210

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.207, 152.210.

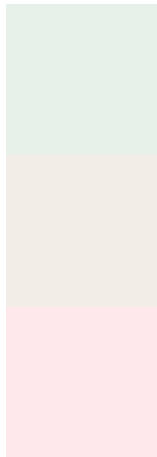


This preview shows how white text looks on a background with the CIELCh color 94, 4.207, 152.210.

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, 4.207, 152.210

Protanopia

94, 3.328, 69.680

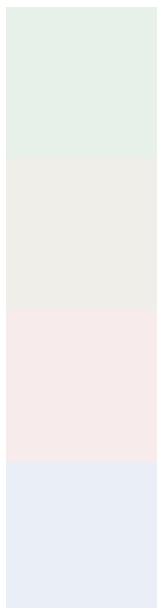
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 9.287, 286.684

Trichromacy



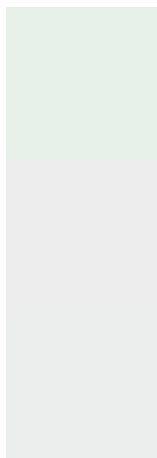
Original Color
94, 4.207, 152.210

Protanomaly
94, 2.579, 101.998

Deuteranomaly
94, 4.295, 19.553

Tritanomaly
94, 4.819, 273.836

Monochromacy



Original Color
94, 4.207, 152.210

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.479, 155.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.207, 152.210 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(232, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 234)  
}
```

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(232, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.207, 152.210 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(232, 240, 234) }
```

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

```
.border{ border-color:rgb(232, 240, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 240, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.207, 152.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 234) }
```

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

```
.background{ background-color: rgb(232,  
240, 234) }
```

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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