

Converting Colors

CIELCh(94, 9.529, 154.458)

Have a look what the booklet for
CIELCh(94, 9.529, 154.458) contains.

CIELCh(94, 9.537, 154.417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 9.537, 154.417)

Conversions

Conversions Part 1

Format	Color
Hex	E0F3E6
RGB	224, 243, 230
RGB Percent	88%, 95%, 90%
CMY	0.1234, 0.0489, 0.0999
CMYK	0.08, 0.00, 0.05, 0.05
HSL	139°, 43%, 91%
HSV	139°, 8%, 95%
XYZ	76.7164, 85.2715, 86.9283
YIQ	235.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

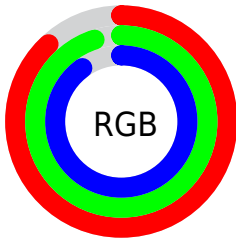
Format	Color
R _{YB}	224, 238, 243
Decimal	14742502
CIE Lab	94.00, -8.60, 4.12
CIE LCh	94, 9.537, 154.417
Yxy	85.2715, 0.3082, 0.3426
Android (android.graphics.Color)	4292932582 (0xFFE0F3E6)
YUV	235.8370, -2.8776, -10.3810
Hunter-Lab	92.3426, -13.3053, 8.8261

Details

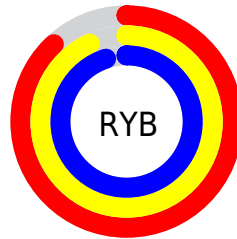
The CIELCh color **94, 9.537, 154.417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.588, 335.433**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.376, 155.010** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.798, 153.592**, and if you desaturate by 10%, it is **96, 2.633, 334.923**.

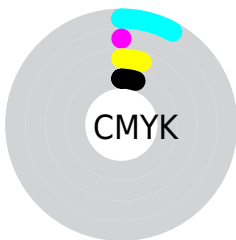
Distribution



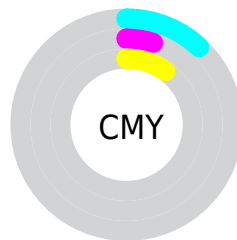
- Red (88%)
- Green (95%)
- Blue (90%)



- Red (88%)
- Yellow (93%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.537, 154.417 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, 9.537, 154.417 by changing the saturation by 10% instead.

■ 94, 9.537, 154.417

■ 94, 9.537, 154.417

■ 100, 9.537,
154.417

■ 84, 9.537, 154.417

■ 74, 9.537, 154.417

■ 64, 9.537, 154.417

■ 54, 9.537, 154.417

■ 44, 9.537, 154.417

■ 34, 9.537, 154.417

■ 24, 9.537, 154.417

■ 14, 9.537, 154.417

■ 4, 9.537, 154.417

94, 9.537, 154.417

94, 9.537, 154.417

92, 21.798,
153.592

96, 2.633, 334.923

97, 7.773, 324.672

90, 33.998,
152.668

89, 45.954,
151.610


87, 57.451,
150.391

86, 68.256,
148.993

86, 78.137,
147.402

85, 86.897,
145.623

84, 94.396,
143.688

 84, 100.592,
141.679

Harmonies

Complementary

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



94, 9.537, 154.417



91, 9.588, 335.433

Rectangle

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



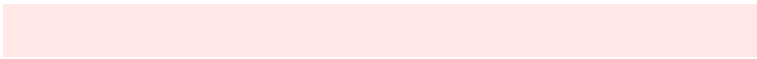
94, 9.537, 154.417



94, 9.537, 204.417



94, 9.537, 334.417



94, 9.537, 24.417

Sweetspot

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



94, 9.539, 154.415



100, 2.521, 154.956



95, 9.952, 121.360



53, 1.433, 154.971



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, 9.539, 154.415



98, 11.423, 154.319



94, 6.929, 182.635



50, 6.980, 154.282



66, 82.796, 141.625



21, 34.210, 144.891

Inverse Universe

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



91, 9.588, 335.433



94, 11.485, 335.524



91, 7.150, 3.899



48, 7.019, 335.559



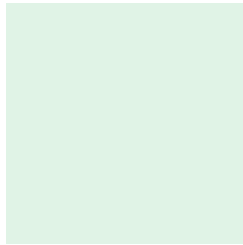
41, 72.148, 346.076



10, 32.951, 343.022

Previews

White Background



This preview shows how the CIE LCh color 94, 9.537, 154.417 looks on a white background.

Color Contrast Check

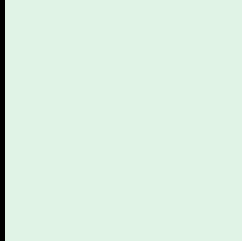
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 9.537, 154.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

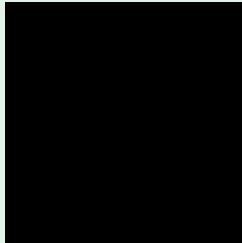
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

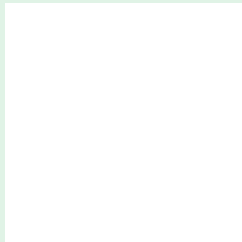
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.537, 154.417

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.537, 154.417.

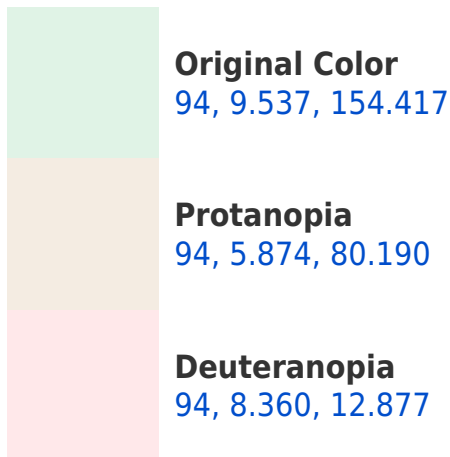


This preview shows how white text looks on a background with the CIELCh color 94, 9.537, 154.417.

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](#).

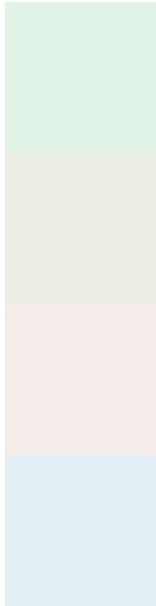
Dichromacy





Tritanopia
94, 9.217, 271.480

Trichromacy



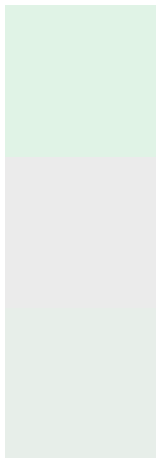
Original Color
94, 9.537, 154.417

Protanomaly
94, 5.656, 113.366

Deuteranomaly
94, 3.511, 55.145

Tritanomaly
94, 5.396, 234.248

Monochromacy



Original Color
94, 9.537, 154.417

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.590, 153.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.537, 154.417 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(224, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 243, 230)  
}
```

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(224, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 243, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.537, 154.417 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(224, 243, 230) }
```

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

```
.border{ border-color:rgb(224, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 243,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.537, 154.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 243, 230) }
```

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

```
.background{ background-color: rgb(224,  
243, 230) }
```

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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