

Converting Colors

CIELCh(94, 9.484, 138.903)

Have a look what the booklet for
CIELCh(94, 9.484, 138.903) contains.

CIELCh(94, 9.476, 138.905)	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, 9.476, 138.905)

Conversions

Conversions Part 1

Format	Color
Hex	E5F2E2
RGB	229, 242, 226
RGB Percent	90%, 95%, 89%
CMY	0.1038, 0.0528, 0.1155
CMYK	0.05, 0.00, 0.07, 0.05
HSL	109°, 37%, 92%
HSV	109°, 7%, 95%
XYZ	77.4408, 85.2715, 83.9956
YIQ	236.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

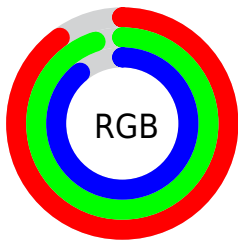
Format	Color
R_{YB}	226, 242, 239
Decimal	15069922
CIE _{Lab}	94.00, -7.14, 6.23
CIE _{LCh}	94, 9.476, 138.905
Yxy	85.2715, 0.3139, 0.3456
Android (android.graphics.Color)	4293260002 (0xFFE5F2E2)
YUV	236.2890, -5.0725, -6.3925
Hunter-Lab	92.3426, -11.9050, 10.7091

Details

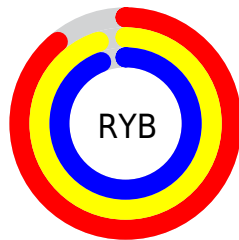
The CIELCh color **94, 9.476, 138.905** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.524, 319.457**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.307, 138.467** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.913, 138.372**, and if you desaturate by 10%, it is **96, 4.814, 319.281**.

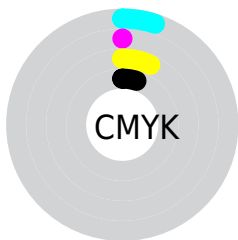
Distribution



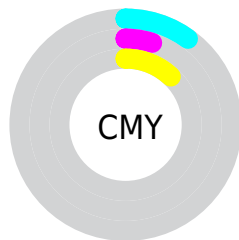
- Red (90%)
- Green (95%)
- Blue (89%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.476, 138.905 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, 9.476, 138.905 by changing the saturation by 10% instead.

 94, 9.476, 138.905

 94, 9.476, 138.905

 100, 9.476,
138.905

 84, 9.476, 138.905

 74, 9.476, 138.905

 64, 9.476, 138.905

 54, 9.476, 138.905

 44, 9.476, 138.905

 34, 9.476, 138.905

 24, 9.476, 138.905

 14, 9.476, 138.905

 4, 9.476, 138.905

94, 9.476, 138.905

94, 9.476, 138.905

92, 23.913,
138.372

96, 4.814, 319.281

97, 8.391, 324.697

90, 38.348,
137.779

89, 52.588,
137.124

88, 66.366,
136.425

87, 79.319,
135.724

86, 90.967,
135.097

85, 100.715,
134.659

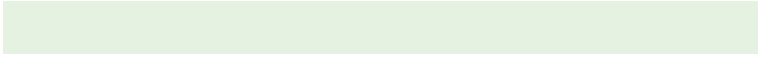
84, 107.944,
134.542

■ 84, 112.287,
134.827

Harmonies

Complementary

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



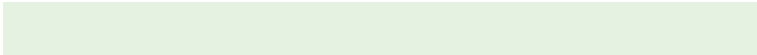
94, 9.476, 138.905



91, 9.524, 319.457

Rectangle

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



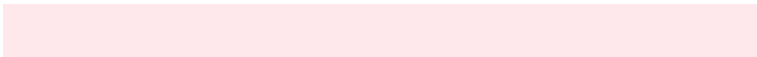
94, 9.476, 138.905



94, 9.476, 188.905



94, 9.476, 318.905



94, 9.476, 8.905

Sweetspot

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



94, 9.478, 138.907



100, 2.974, 139.183



94, 6.650, 99.625



53, 1.691, 139.192



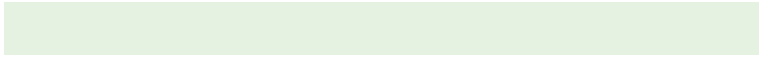
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

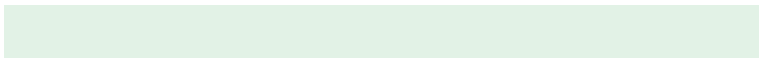
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.478, 138.907



98, 11.975, 138.834



94, 8.126, 153.874



49, 8.097, 138.758



65, 92.055, 134.793



20, 38.152, 134.850

Inverse Universe

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



91, 9.524, 319.457



95, 12.035, 319.525



91, 8.164, 334.691



47, 8.140, 319.594



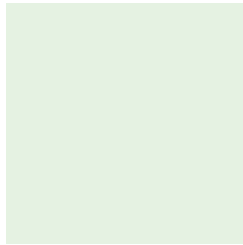
38, 91.851, 321.152



8, 39.945, 322.080

Previews

White Background



This preview shows how the CIELCh color 94, 9.476, 138.905 looks on a white background.

Color Contrast Check

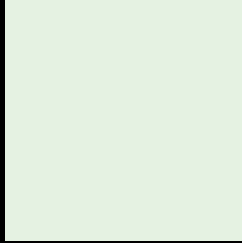
Large Text (above 18pt) WCAG AA × Fail

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, 9.476, 138.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

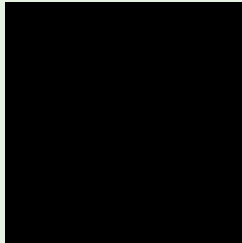
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

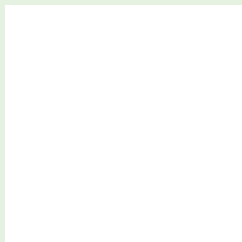
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.476, 138.905

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.476, 138.905.

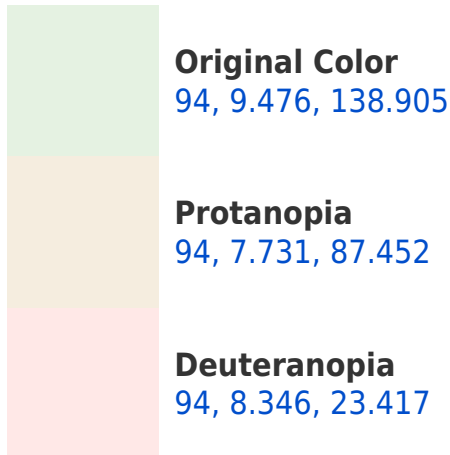


This preview shows how white text looks on a background with the CIELCh color 94, 9.476, 138.905.

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](#).

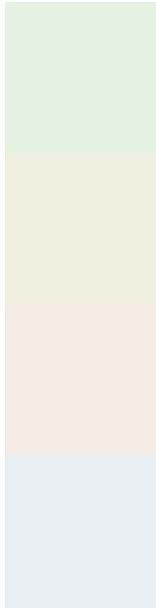
Dichromacy





Tritanopia
94, 9.350, 282.513

Trichromacy



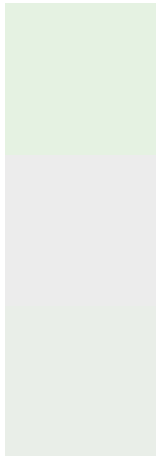
Original Color
94, 9.476, 138.905

Protanomaly
94, 7.687, 109.564

Deuteranomaly
94, 4.725, 60.118

Tritanomaly
94, 3.759, 242.714

Monochromacy



Original Color
94, 9.476, 138.905

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.571, 139.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.476, 138.905 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(229, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(229, 242, 226)  
}
```

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(229, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.476, 138.905 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(229, 242, 226) }
```

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

```
.border{ border-color:rgb(229, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 242,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.476, 138.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 242, 226) }
```

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

```
.background{ background-color: rgb(229,  
242, 226) }
```

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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