

Converting Colors

CIELCh(94, 8.251, 137.066)

Have a look what the booklet for
CIELCh(94, 8.251, 137.066) contains.

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Color

CIELCh(94, 8.226, 138.151)

Conversions

Conversions Part 1

Format	Color
Hex	E6F1E3
RGB	230, 241, 227
RGB Percent	90%, 95%, 89%
CMY	0.0981, 0.0549, 0.1098
CMYK	0.05, 0.00, 0.06, 0.05
HSL	107°, 33%, 92%
HSV	107°, 6%, 95%
XYZ	77.9462, 85.2715, 85.0170
YIQ	236.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

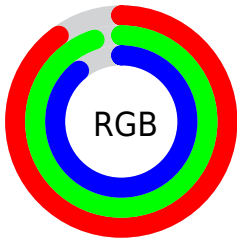
Format	Color
R _Y B	227, 241, 238
Decimal	15135203
CIE Lab	94.00, -6.13, 5.49
CIE LCh	94, 8.226, 138.151
Yxy	85.2715, 0.3140, 0.3435
Android (android.graphics.Color)	4293325283 (0xFFE6F1E3)
YUV	236.1150, -4.4937, -5.3629
Hunter-Lab	92.3426, -10.9281, 10.0533

Details

The CIELCh color **94, 8.226, 138.151** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.271, 318.611**, 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, 8.183, 139.867** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.509, 137.636**, and if you desaturate by 10%, it is **96, 5.909, 318.520**.

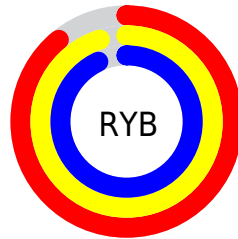
Distribution



Red (90%)

Green (95%)

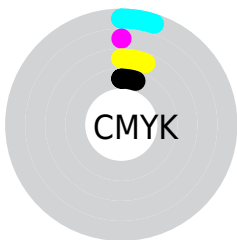
Blue (89%)



Red (89%)

Yellow (95%)

Blue (93%)

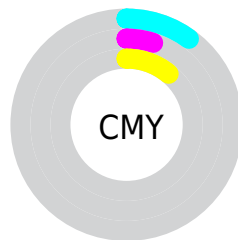


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.226, 138.151 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, 8.226, 138.151 by changing the saturation by 10% instead.

94, 8.226, 138.151

94, 8.226, 138.151

100, 8.226,
138.151

84, 8.226, 138.151

74, 8.226, 138.151

64, 8.226, 138.151

54, 8.226, 138.151

44, 8.226, 138.151

34, 8.226, 138.151

24, 8.226, 138.151

14, 8.226, 138.151

4, 8.226, 138.151

94, 8.226, 138.151

94, 8.226, 138.151

92, 22.509,
137.636

96, 5.909, 318.520

97, 8.728, 324.710

90, 36.802,
137.069

89, 50.925,
136.446

88, 64.626,
135.785

87, 77.564,
135.129

86, 89.278,
134.550

85, 99.191,
134.163

84, 106.681,
134.098

■ 84, 111.341,
134.446

Harmonies

Complementary

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



94, 8.226, 138.151



91, 8.271, 318.611

Rectangle

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



94, 8.226, 138.151



94, 8.226, 188.151



94, 8.226, 318.151



94, 8.226, 8.151

Sweetspot

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



94, 8.228, 138.153



100, 2.951, 138.381



94, 5.718, 98.684



53, 1.677, 138.390



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, 8.228, 138.153



99, 10.387, 138.091



94, 7.199, 153.279



49, 6.417, 138.063



65, 91.671, 134.473



20, 37.938, 134.396

Inverse Universe

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



91, 8.271, 318.611



95, 10.442, 318.669



92, 7.231, 333.958



47, 6.452, 318.695



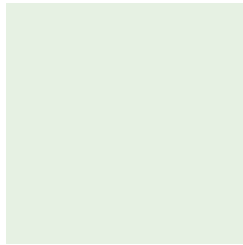
37, 92.212, 320.212



7, 40.020, 321.231

Previews

White Background



This preview shows how the CIELCh color 94, 8.226, 138.151 looks on a white background.

Color Contrast Check

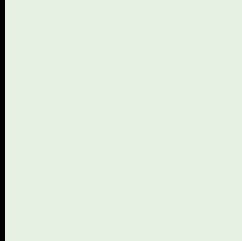
Large Text (above 18pt) WCAG AA × Fail

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, 8.226, 138.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

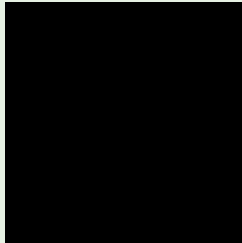
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

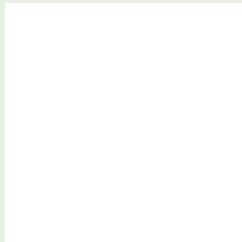
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.226, 138.151

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.226, 138.151.

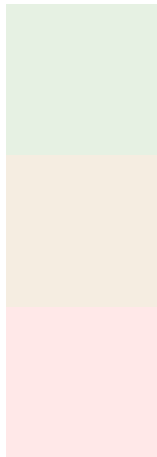


This preview shows how white text looks on a background with the CIELCh color 94, 8.226, 138.151.

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, 8.226, 138.151

Protanopia

94, 6.787, 84.332

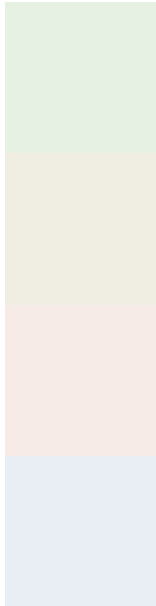
Deuteranopia

94, 8.319, 19.904



Tritanopia
94, 9.287, 286.684

Trichromacy



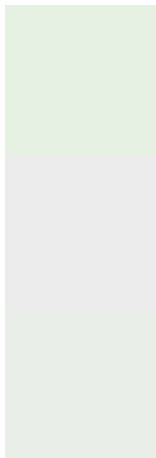
Original Color
94, 8.226, 138.151

Protanomaly
94, 6.188, 102.978

Deuteranomaly
94, 4.706, 52.522

Tritanomaly
94, 3.980, 264.596

Monochromacy



Original Color
94, 8.226, 138.151

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.944, 138.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.226, 138.151 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(230, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 227)  
}
```

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(230, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.226, 138.151 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(230, 241, 227) }
```

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

```
.border{ border-color:rgb(230, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.226, 138.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 227) }
```

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

```
.background{ background-color: rgb(230,  
241, 227) }
```

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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