

Converting Colors

CIELCh(94, 8.756, 147.492)

Have a look what the booklet for
CIELCh(94, 8.756, 147.492) contains.

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Color

CIELCh(94, 9.003, 145.954)

Conversions

Conversions Part 1

Format	Color
Hex	E3F2E4
RGB	227, 242, 228
RGB Percent	89%, 95%, 89%
CMY	0.1106, 0.0518, 0.1067
CMYK	0.06, 0.00, 0.06, 0.05
HSL	124°, 36%, 92%
HSV	124°, 6%, 95%
XYZ	77.2824, 85.2715, 85.6386
YIQ	235.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

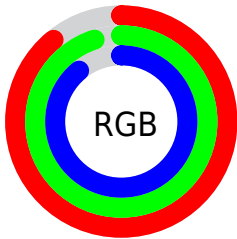
Format	Color
R _Y B	227, 241, 242
Decimal	14938852
CIE Lab	94.00, -7.46, 5.04
CIE LCh	94, 9.003, 145.954
Yxy	85.2715, 0.3114, 0.3436
Android (android.graphics.Color)	4293128932 (0xFFE3F2E4)
YUV	235.9190, -3.9041, -7.8220
Hunter-Lab	92.3426, -12.2111, 9.6542

Details

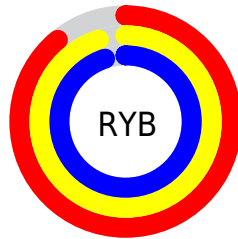
The CIELCh color **94, 9.003, 145.954** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.027, 326.603**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.808, 146.010** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.667, 145.257**, and if you desaturate by 10%, it is **96, 5.477, 326.435**.

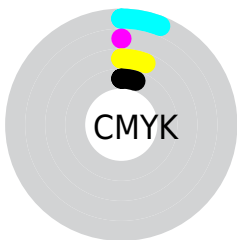
Distribution



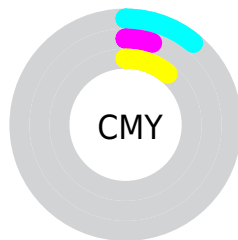
- Red (89%)
- Green (95%)
- Blue (89%)



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



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



- Cyan (11%)
- Magenta (5%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.003, 145.954 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, 9.003, 145.954 by changing the saturation by 10% instead.

 94, 9.003, 145.954

 94, 9.003, 145.954

 100, 9.003,
145.954

 84, 9.003, 145.954

 74, 9.003, 145.954

 64, 9.003, 145.954

 54, 9.003, 145.954

 44, 9.003, 145.954

 34, 9.003, 145.954

 24, 9.003, 145.954

 14, 9.003, 145.954

 4, 9.003, 145.954

94, 9.003, 145.954

94, 9.003, 145.954

92, 23.667,
145.257

96, 5.477, 326.435

90, 38.329,
144.460

97, 8.224, 324.690

88, 52.749,
143.535

87, 66.616,
142.475

86, 79.551,
141.288

85, 91.113,
140.013

84, 100.814,
138.730

84, 108.166,
137.560

■ 84, 112.812,
136.647

Harmonies

Complementary

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



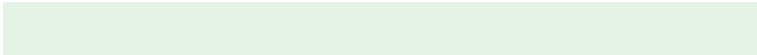
94, 9.003, 145.954



92, 9.027, 326.603

Rectangle

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



94, 9.003, 145.954



94, 9.003, 195.954



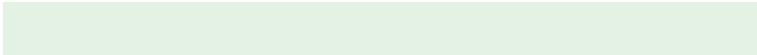
94, 9.003, 325.954



94, 9.003, 15.954

Sweetspot

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



94, 9.005, 145.954



100, 3.014, 146.280



95, 7.683, 112.262



53, 1.713, 146.292



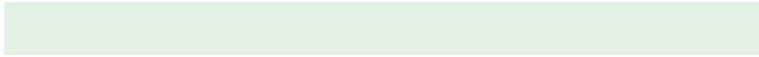
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

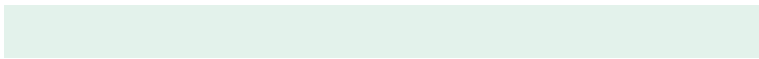
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.005, 145.954



98, 10.616, 145.899



94, 6.281, 166.945



49, 6.559, 145.861



65, 92.350, 136.563



19, 38.363, 139.000

Inverse Universe

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



92, 9.027, 326.603



96, 10.639, 326.654



91, 6.358, 347.874



48, 6.573, 326.688



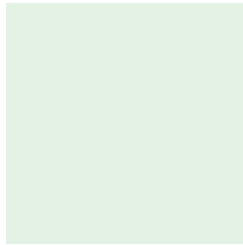
43, 85.697, 331.075



10, 37.683, 330.655

Previews

White Background



This preview shows how the CIELCh color 94, 9.003, 145.954 looks on a white background.

Color Contrast Check

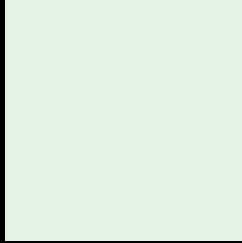
Large Text (above 18pt) WCAG AA × Fail

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, 9.003, 145.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

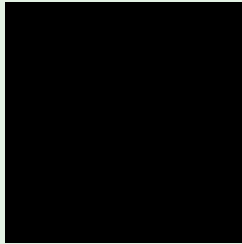
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

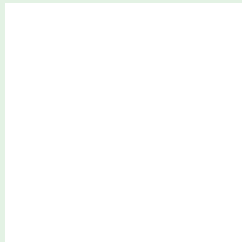
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.003, 145.954

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.003, 145.954.

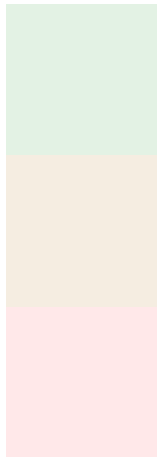


This preview shows how white text looks on a background with the CIELCh color 94, 9.003, 145.954.

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, 9.003, 145.954

Protanopia

94, 6.787, 84.332

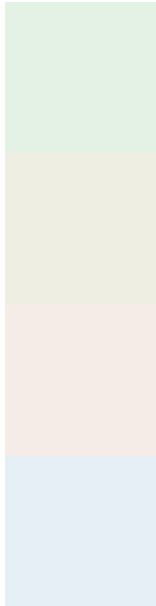
Deuteranopia

94, 8.324, 16.382



Tritanopia
94, 8.953, 277.656

Trichromacy



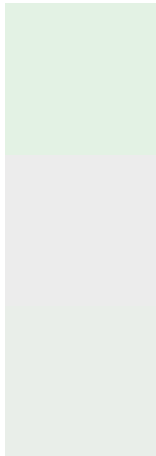
Original Color
94, 9.003, 145.954

Protanomaly
94, 6.675, 112.739

Deuteranomaly
94, 4.111, 58.009

Tritanomaly
94, 4.353, 244.677

Monochromacy



Original Color
94, 9.003, 145.954

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.135, 144.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.003, 145.954 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, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 228)  
}
```

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, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.003, 145.954 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, 242, 228) }
```

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

```
.border{ border-color:rgb(227, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.003, 145.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 228) }
```

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

```
.background{ background-color: rgb(227,  
242, 228) }
```

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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