

Converting Colors

CIELCh(94, 9.751, 145.314)

Have a look what the booklet for
CIELCh(94, 9.751, 145.314) contains.

CIELCh(94, 9.635, 145.806)	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, 9.635, 145.806)

Conversions

Conversions Part 1

Format	Color
Hex	E2F2E3
RGB	226, 242, 227
RGB Percent	89%, 95%, 89%
CMY	0.1135, 0.0507, 0.1095
CMYK	0.07, 0.00, 0.06, 0.05
HSL	124°, 38%, 92%
HSV	124°, 7%, 95%
XYZ	77.0295, 85.2715, 85.1186
YIQ	235.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

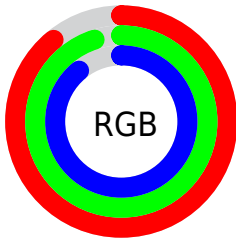
Format	Color
R _Y B	226, 241, 242
Decimal	14873315
CIE Lab	94.00, -7.97, 5.41
CIE LCh	94, 9.635, 145.806
Yxy	85.2715, 0.3113, 0.3446
Android (android.graphics.Color)	4293063395 (0xFFE2F2E3)
YUV	235.5060, -4.1935, -8.3368
Hunter-Lab	92.3426, -12.7000, 9.9881

Details

The CIELCh color **94, 9.635, 145.806** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.659, 326.507**, 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, 9.473, 145.836** is the 20% darker color. If you saturate the color by 10%, you get **92, 24.359, 145.108**, and if you desaturate by 10%, it is **96, 4.911, 326.285**.

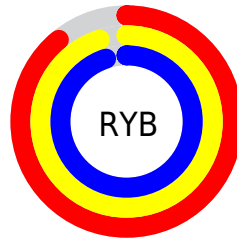
Distribution



Red (89%)

Green (95%)

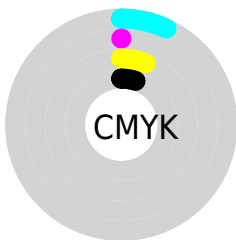
Blue (89%)



Red (89%)

Yellow (95%)

Blue (95%)

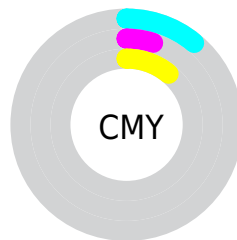


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.635, 145.806 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, 9.635, 145.806 by changing the saturation by 10% instead.

 94, 9.635, 145.806

 94, 9.635, 145.806

 100, 9.635,
145.806

 84, 9.635, 145.806

 74, 9.635, 145.806

 64, 9.635, 145.806

 54, 9.635, 145.806

 44, 9.635, 145.806

 34, 9.635, 145.806

 24, 9.635, 145.806

 14, 9.635, 145.806

 4, 9.635, 145.806

94, 9.635, 145.806

94, 9.635, 145.806

92, 24.359,
145.108

96, 4.911, 326.285

97, 8.056, 324.684

90, 39.072,
144.307

88, 53.529,
143.378


87, 67.414,
142.314

86, 80.341,
141.127

85, 91.860,
139.857

84, 101.473,
138.588

84, 108.687,
137.447

 84, 113.157,
136.576

Harmonies

Complementary

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



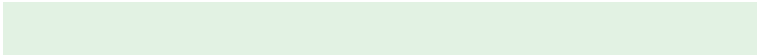
94, 9.635, 145.806



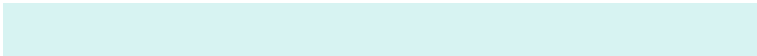
92, 9.659, 326.507

Rectangle

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



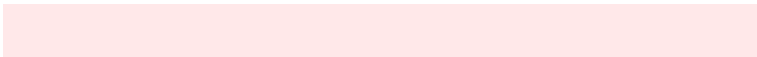
94, 9.635, 145.806



94, 9.635, 195.806



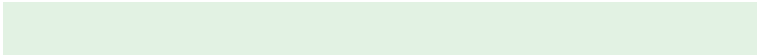
94, 9.635, 325.806



94, 9.635, 15.806

Sweetspot

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



94, 9.637, 145.806



100, 3.023, 146.159



95, 8.190, 111.555



53, 1.718, 146.170



0, 0.000, 0.000



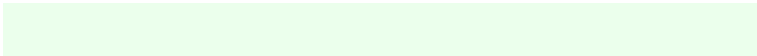
53, 0.007, 296.813

Same Dimension

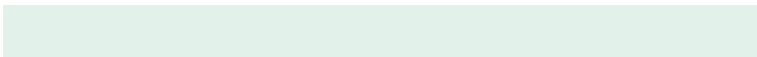
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.637, 145.806



98, 12.178, 145.711



94, 6.778, 165.937



49, 8.235, 145.613



65, 92.433, 136.526



19, 38.445, 138.922

Inverse Universe

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



92, 9.659, 326.507



95, 12.202, 326.593



91, 6.859, 346.939



47, 8.249, 326.680



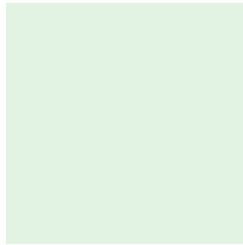
43, 85.979, 330.884



10, 37.790, 330.494

Previews

White Background



This preview shows how the CIELCh color 94, 9.635, 145.806 looks on a white background.

Color Contrast Check

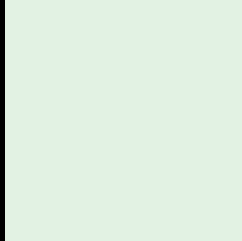
Large Text (above 18pt) WCAG AA × Fail

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, 9.635, 145.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

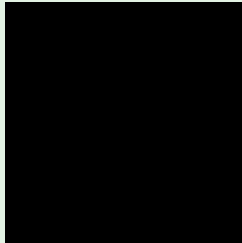
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

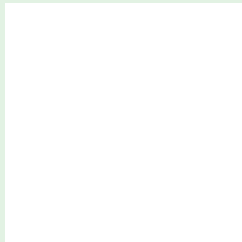
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.635, 145.806

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.635, 145.806.

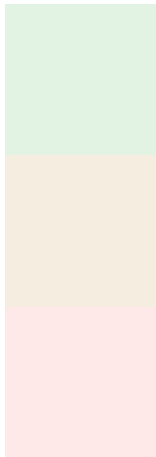


This preview shows how white text looks on a background with the CIELCh color 94, 9.635, 145.806.

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

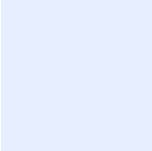
94, 9.635, 145.806

Protanopia

94, 7.256, 85.996

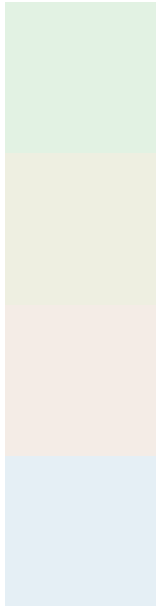
Deuteranopia

94, 8.319, 19.904



Tritanopia
94, 9.029, 275.554

Trichromacy



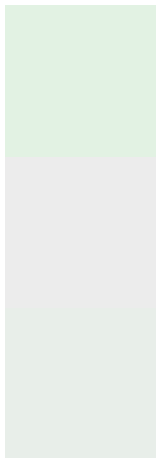
Original Color
94, 9.635, 145.806

Protanomaly
94, 7.187, 112.483

Deuteranomaly
94, 4.195, 66.566

Tritanomaly
94, 4.600, 241.626

Monochromacy



Original Color
94, 9.635, 145.806

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.352, 149.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.635, 145.806 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(226, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(226, 242, 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(226, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 242, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.635, 145.806 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(226, 242, 227) }
```

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

```
.border{ border-color:rgb(226, 242, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 242,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.635, 145.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 242, 227) }
```

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

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