

Converting Colors

CIELCh(95, 9.445, 123.426)

Have a look what the booklet for
CIELCh(95, 9.445, 123.426) contains.

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Color

CIELCh(95, 9.475, 122.655)

Conversions

Conversions Part 1

Format	Color
Hex	EDF3E1
RGB	237, 243, 225
RGB Percent	93%, 95%, 88%
CMY	0.0702, 0.0467, 0.1173
CMYK	0.02, 0.00, 0.07, 0.05
HSL	80°, 43%, 92%
HSV	80°, 7%, 95%
XYZ	80.6374, 87.6183, 83.9619
YIQ	239.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

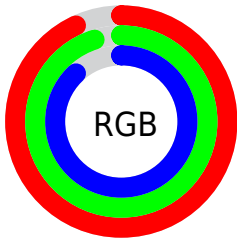
Format	Color
RYB	225, 243, 231
Decimal	15594465
CIELab	95.00, -5.11, 7.98
CIELCh	95, 9.475, 122.655
Yxy	87.6183, 0.3197, 0.3474
Android (android.graphics.Color)	4293784545 (0xFFEDF3E1)
YUV	239.1540, -6.9779, -1.8891
Hunter-Lab	93.6047, -10.0362, 12.3411

Details

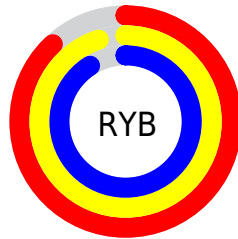
The CIELCh color **95, 9.475, 122.655** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 9.620, 303.461**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.433, 123.311** is the 20% darker color. If you saturate the color by 10%, you get **94, 22.266, 122.099**, and if you desaturate by 10%, it is **96, 3.331, 303.170**.

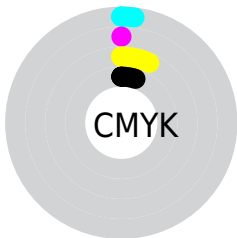
Distribution



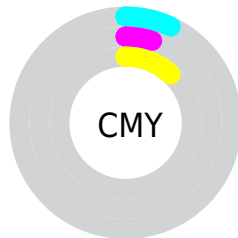
- Red (93%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.475, 122.655 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 95, 9.475, 122.655 by changing the saturation by 10% instead.

95, 9.475, 122.655

95, 9.475, 122.655

100, 9.475,
122.655

85, 9.475, 122.655

75, 9.475, 122.655

65, 9.475, 122.655

55, 9.475, 122.655

45, 9.475, 122.655

35, 9.475, 122.655

25, 9.475, 122.655

15, 9.475, 122.655

5, 9.475, 122.655

95, 9.475, 122.655

95, 9.475, 122.655

94, 22.266,
122.099

96, 3.331, 303.170

93, 34.944,
121.531

97, 7.096, 320.694

97, 7.414, 324.658

92, 47.381,
120.979

91, 59.381,
120.477

90, 70.654,
120.081

90, 80.780,
119.871

89, 89.214,
119.955

88, 95.393,
120.452

■ 88, 99.066,
121.431

Harmonies

Complementary

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



95, 9.475, 122.655



90, 9.620, 303.461

Rectangle

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



95, 9.475, 122.655



95, 9.475, 172.655



95, 9.475, 302.655



95, 9.475, 352.655

Sweetspot

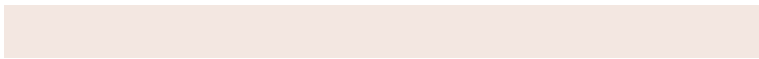
The Sweet Spot groups the original color and five complimentary colors.



95, 9.477, 122.662



100, 2.651, 122.975



92, 5.320, 55.003



53, 1.507, 122.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

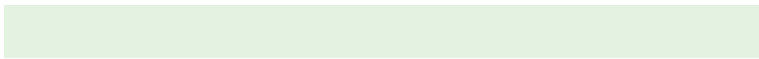
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.477, 122.662



99, 11.974, 122.571



94, 10.729, 139.471



51, 7.315, 122.545



69, 81.537, 121.467



22, 34.801, 120.264

Inverse Universe

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



90, 9.620, 303.461



93, 12.184, 303.558



91, 10.777, 320.113



47, 7.449, 303.586



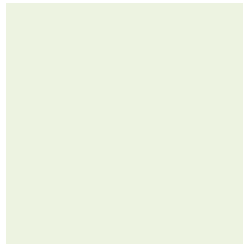
25, 101.908, 308.783



4, 40.962, 307.574

Previews

White Background



This preview shows how the CIELCh color 95, 9.475, 122.655 looks on a white background.

Color Contrast Check

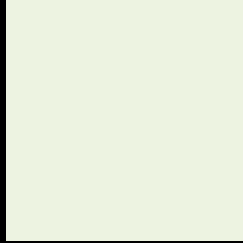
Large Text (above 18pt) WCAG AA × Fail

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 95, 9.475, 122.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

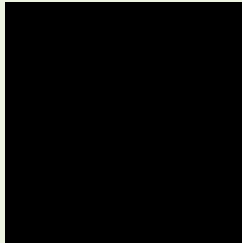
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

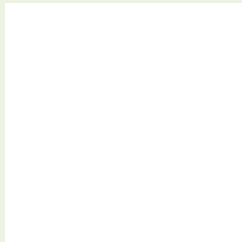
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.475, 122.655

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.475, 122.655.

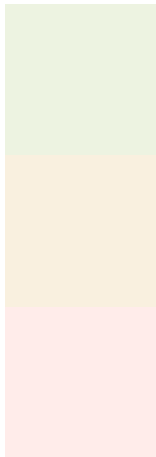


This preview shows how white text looks on a background with the CIELCh color 95, 9.475, 122.655.

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


95, 9.475, 122.655

Protanopia

95, 9.281, 88.740

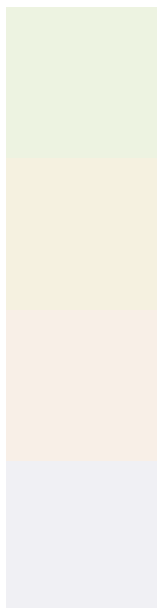
Deuteranopia

95, 6.922, 28.263



Tritanopia
95, 8.309, 297.962

Trichromacy



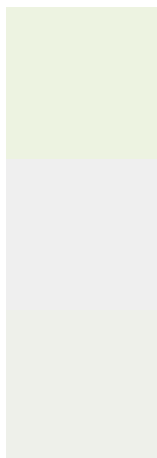
Original Color
95, 9.475, 122.655

Protanomaly
95, 8.805, 99.981

Deuteranomaly
95, 5.204, 71.269

Tritanomaly
95, 2.064, 290.373

Monochromacy



Original Color
95, 9.475, 122.655

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.158, 122.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.475, 122.655 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(237, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 243, 225)  
}
```

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(237, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 243, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.475, 122.655 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(237, 243, 225) }
```

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

```
.border{ border-color:rgb(237, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 243,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.475, 122.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 243, 225) }
```

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

```
.background{ background-color: rgb(237,  
243, 225) }
```

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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