

Converting Colors

CIELCh(95, 8.203, 119.624)

Have a look what the booklet for
CIELCh(95, 8.203, 119.624) contains.

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Color

CIELCh(95, 8.318, 119.505)

Conversions

Conversions Part 1

Format	Color
Hex	EFF3E3
RGB	239, 243, 227
RGB Percent	94%, 95%, 89%
CMY	0.0645, 0.0488, 0.1116
CMYK	0.02, 0.00, 0.07, 0.05
HSL	75°, 39%, 92%
HSV	75°, 7%, 95%
XYZ	81.1577, 87.6183, 84.9796
YIQ	239.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

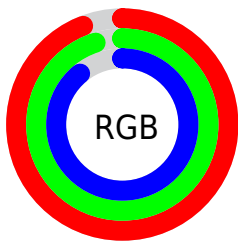
Format	Color
R_{YB}	227, 243, 231
Decimal	15725539
CIE Lab	95.00, -4.10, 7.24
CIE LCh	95, 8.318, 119.505
Yxy	87.6183, 0.3198, 0.3453
Android (android.graphics.Color)	4293915619 (0xFFEFF3E3)
YUV	239.9800, -6.3991, -0.8595
Hunter-Lab	93.6047, -9.0440, 11.6964

Details

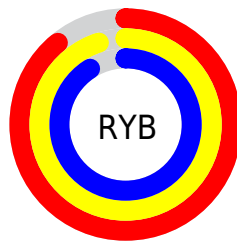
The CIELCh color **95, 8.318, 119.505** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.447, 300.337**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.210, 120.070** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.916, 118.876**, and if you desaturate by 10%, it is **96, 4.311, 300.116**.

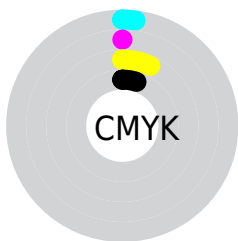
Distribution



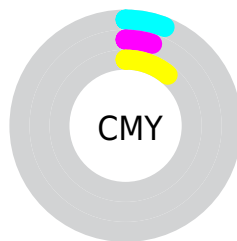
- Red (94%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



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





- Cyan (6%)
- Magenta (5%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.318, 119.505 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, 8.318, 119.505 by changing the saturation by 10% instead.

 95, 8.318, 119.505


 95, 8.318, 119.505

 100, 8.318,
119.505

 85, 8.318, 119.505

 75, 8.318, 119.505

 65, 8.318, 119.505

 55, 8.318, 119.505

 45, 8.318, 119.505

 35, 8.318, 119.505

 25, 8.318, 119.505

 15, 8.318, 119.505

 5, 8.318, 119.505

95, 8.318, 119.505

95, 8.318, 119.505

94, 20.916,
118.876

96, 4.311, 300.116

93, 33.392,
118.233

97, 7.017, 314.408

92, 45.624,
117.607

97, 7.759, 324.672

92, 57.422,
117.029

91, 68.505,
116.549

90, 78.461,
116.238

90, 86.747,
116.192

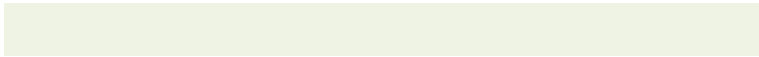
89, 92.791,
116.517

■ 89, 96.281,
117.285

Harmonies

Complementary

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



95, 8.318, 119.505



91, 8.447, 300.337

Rectangle

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



95, 8.318, 119.505



95, 8.318, 169.505



95, 8.318, 299.505



95, 8.318, 349.505

Sweetspot

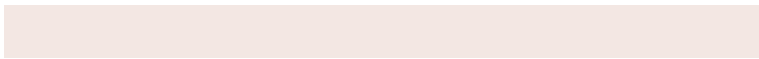
The Sweet Spot groups the original color and five complimentary colors.



95, 8.320, 119.513



100, 2.620, 119.809



92, 4.788, 45.004



53, 1.489, 119.815



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

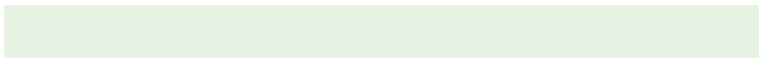
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.320, 119.513



99, 10.511, 119.423



94, 9.296, 137.030



51, 7.224, 119.330



70, 79.531, 117.392



22, 34.110, 116.407

Inverse Universe

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



91, 8.447, 300.337



94, 10.695, 300.435



91, 9.351, 317.552



47, 7.370, 300.537



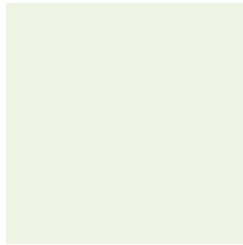
24, 103.336, 307.734



4, 40.671, 305.410

Previews

White Background



This preview shows how the CIELCh color 95, 8.318, 119.505 looks on a white background.

Color Contrast Check

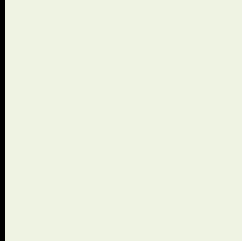
Large Text (above 18pt) WCAG AA × Fail

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, 8.318, 119.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

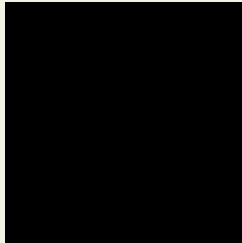
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

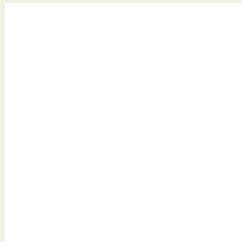
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.318, 119.505

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.318, 119.505.

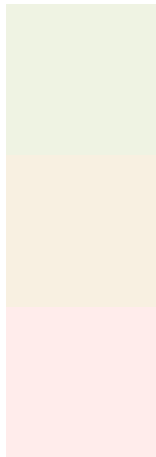


This preview shows how white text looks on a background with the CIELCh color 95, 8.318, 119.505.

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, 8.318, 119.505

Protanopia

95, 8.191, 88.747

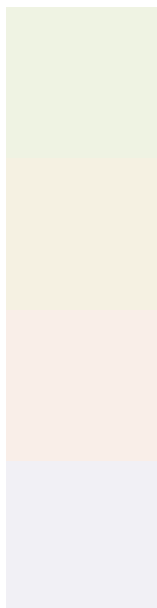
Deuteranopia

95, 6.856, 24.049



Tritanopia
95, 8.941, 301.971

Trichromacy



Original Color
95, 8.318, 119.505

Protanomaly
95, 7.796, 98.850

Deuteranomaly
95, 4.995, 57.423

Tritanomaly
95, 2.606, 298.127

Monochromacy



Original Color
95, 8.318, 119.505

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.155, 122.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.318, 119.505 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(239, 243, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 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(239, 243, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.318, 119.505 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(239, 243, 227) }
```

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

```
.border{ border-color:rgb(239, 243, 227) }
```

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

Here you see how a box with a 4 pixel rgb(239, 243, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.318, 119.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 227) }
```

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

```
.background{ background-color: rgb(239,  
243, 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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