

Converting Colors

CIELCh(95, 5.771, 121.032)

Have a look what the booklet for
CIELCh(95, 5.771, 121.032) contains.

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Color

CIELCh(95, 5.738, 120.510)

Conversions

Conversions Part 1

Format	Color
Hex	EFF2E7
RGB	239, 242, 231
RGB Percent	94%, 95%, 91%
CMY	0.0628, 0.0510, 0.0941
CMYK	0.01, 0.00, 0.05, 0.05
HSL	76°, 30%, 93%
HSV	76°, 5%, 95%
XYZ	81.7667, 87.6183, 88.1978
YIQ	239.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

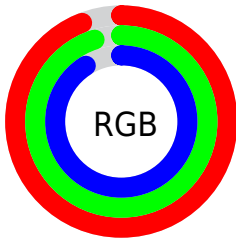
Format	Color
R_{YB}	231, 242, 234
Decimal	15725287
CIE Lab	95.00, -2.91, 4.94
CIE LCh	95, 5.738, 120.510
Yxy	87.6183, 0.3174, 0.3402
Android (android.graphics.Color)	4293915367 (0xFFEFF2E7)
YUV	239.8490, -4.3626, -0.7446
Hunter-Lab	93.6047, -7.8827, 9.6580

Details

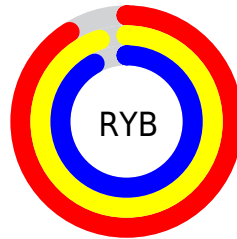
The CIELCh color `95, 5.738, 120.510` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 5.810, 301.052`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.030, 120.432` is the 20% darker color. If you saturate the color by 10%, you get `94, 18.368, 119.908`, and if you desaturate by 10%, it is `96, 6.806, 301.240`.

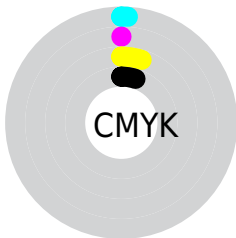
Distribution



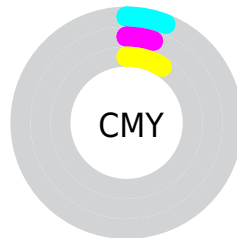
- Red (94%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.738, 120.510 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, 5.738, 120.510 by changing the saturation by 10% instead.

95, 5.738, 120.510

95, 5.738, 120.510

100, 5.738,
120.510

85, 5.738, 120.510

75, 5.738, 120.510

65, 5.738, 120.510

55, 5.738, 120.510

45, 5.738, 120.510

35, 5.738, 120.510

25, 5.738, 120.510

15, 5.738, 120.510

5, 5.738, 120.510

95, 5.738, 120.510

95, 5.738, 120.510

94, 18.368,
119.908

96, 6.806, 301.240

93, 30.902,
119.288

97, 7.592, 318.560

97, 8.101, 324.685

92, 43.224,
118.678

91, 55.164,
118.109

91, 66.462,
117.626

90, 76.738,
117.299

89, 85.475,
117.222

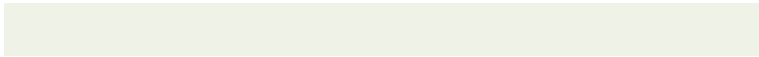
89, 92.092,
117.503

■ 89, 96.189,
118.233

Harmonies

Complementary

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



95, 5.738, 120.510



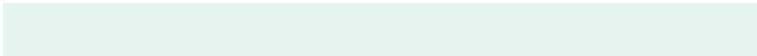
92, 5.810, 301.052

Rectangle

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



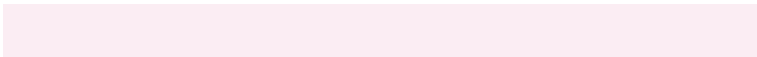
95, 5.738, 120.510



95, 5.738, 170.510



95, 5.738, 300.510



95, 5.738, 350.510

Sweetspot

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



95, 5.740, 120.521



100, 1.308, 120.760



93, 3.250, 47.029



53, 0.743, 120.765



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, 5.740, 120.521



99, 6.586, 120.493



95, 6.418, 137.642



50, 4.272, 120.452



69, 79.222, 118.542



21, 32.996, 117.660

Inverse Universe

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



92, 5.810, 301.052



96, 6.670, 301.082



93, 6.453, 317.965



48, 4.330, 301.125



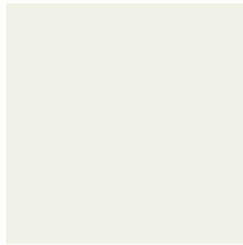
24, 101.911, 307.997



4, 38.671, 305.252

Previews

White Background



This preview shows how the CIE LCh color 95, 5.738, 120.510 looks on a white background.

Color Contrast Check

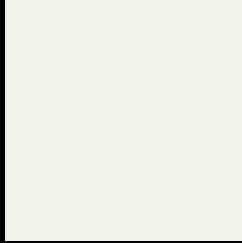
Large Text (above 18pt) WCAG AA × Fail

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, 5.738, 120.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

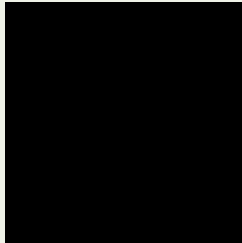
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

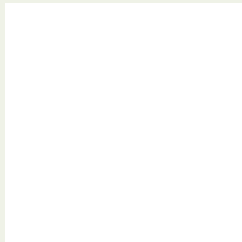
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.738, 120.510

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.738, 120.510.

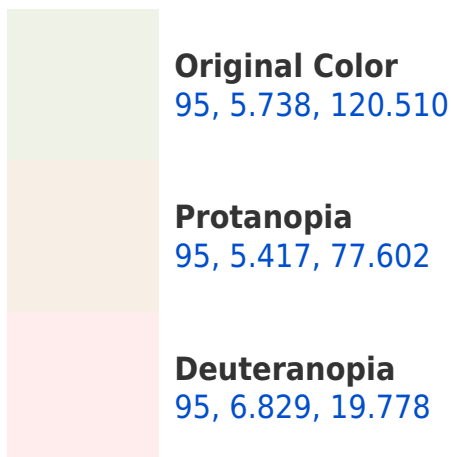


This preview shows how white text looks on a background with the CIELCh color 95, 5.738, 120.510.

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](#).

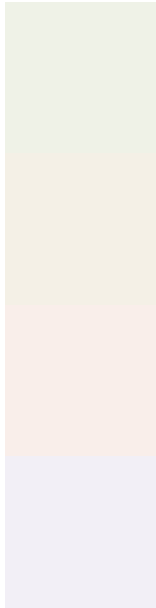
Dichromacy





Tritanopia
95, 8.941, 301.971

Trichromacy



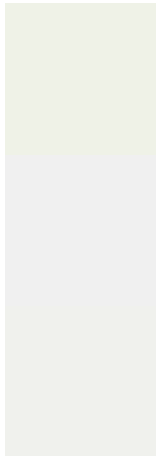
Original Color
95, 5.738, 120.510

Protanomaly
95, 5.302, 94.009

Deuteranomaly
95, 4.433, 47.001

Tritanomaly
95, 3.770, 306.640

Monochromacy



Original Color
95, 5.738, 120.510

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.075, 119.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.738, 120.510 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, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 231)  
}
```

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, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.738, 120.510 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, 242, 231) }
```

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

```
.border{ border-color:rgb(239, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.738, 120.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 231) }
```

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

```
.background{ background-color: rgb(239,  
242, 231) }
```

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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