

Converting Colors

CIELCh(95, 15.240, 128.563)

Have a look what the booklet for
CIELCh(95, 15.240, 128.563)
contains.

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Color

CIELCh(95, 15.228, 128.565)

Conversions

Conversions Part 1

Format	Color
Hex	E7F5D9
RGB	231, 245, 217
RGB Percent	91%, 96%, 85%
CMY	0.0926, 0.0377, 0.1475
CMYK	0.06, 0.00, 0.11, 0.04
HSL	90°, 59%, 91%
HSV	90°, 11%, 96%
XYZ	78.4192, 87.6183, 78.6799
YIQ	237.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

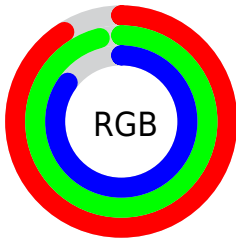
Format	Color
R_{YB}	217, 245, 231
Decimal	15201753
CIE _{Lab}	95.00, -9.49, 11.91
CIE _{LCh}	95, 15.228, 128.565
Yxy	87.6183, 0.3204, 0.3580
Android (android.graphics.Color)	4293391833 (0xFFE7F5D9)
YUV	237.6220, -10.1666, -5.8075
Hunter-Lab	93.6047, -14.2662, 15.6867

Details

The CIELCh color **95, 15.228, 128.565** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.477, 309.582**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 15.491, 129.092** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.583, 128.086**, and if you desaturate by 10%, it is **96, 1.875, 129.083**.

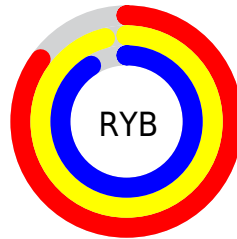
Distribution



Red (91%)

Green (96%)

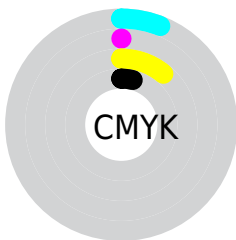
Blue (85%)



Red (85%)

Yellow (96%)

Blue (91%)

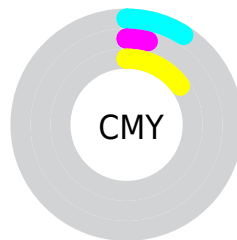


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (4%)



Cyan (9%)


Magenta (4%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 15.228, 128.565 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, 15.228, 128.565 by changing the saturation by 10% instead.


 95, 15.228,
128.565


 95, 15.228,
128.565


 100, 15.228,
128.565


 85, 15.228,
128.565


 75, 15.228,
128.565

 65, 15.228,
128.565

 55, 15.228,
128.565

 45, 15.228,
128.565

 35, 15.228,
128.565

 25, 15.228,

128.565

■ 15, 15.228,
128.565

■ 5, 15.228, 128.565

■ 95, 15.228,
128.565

■ 95, 15.228,
128.565

■ 94, 28.583,
128.086

■ 96, 1.875, 129.083

■ 92, 41.817,
127.594

■ 98, 5.985, 324.598

■ 91, 54.769,
127.115

■ 90, 67.198,
126.692

■ 89, 78.756,
126.392

■ 89, 88.965,
126.317

■ 88, 97.242,
126.596

■ 87, 103.082,
127.347

■ 87, 106.266,
128.337

Harmonies

Complementary

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



95, 15.228, 128.565



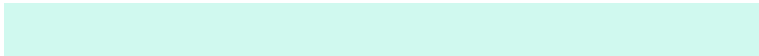
89, 15.477, 309.582

Rectangle

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



95, 15.228, 128.565



95, 15.228, 178.565



95, 15.228, 308.565



95, 15.228, 358.565

Sweetspot

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



95, 15.230, 128.568



100, 4.114, 128.975



93, 8.848, 73.969



53, 3.121, 128.932



0, 0.000, 0.000



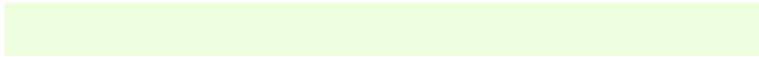
53, 0.007, 296.813

Same Dimension

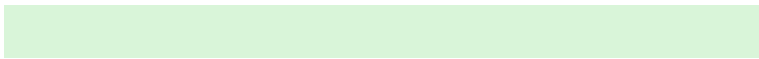
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.230, 128.568



98, 19.276, 128.444



94, 17.623, 143.769



51, 7.564, 128.659



68, 86.124, 128.055



21, 36.495, 126.804

Inverse Universe

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



89, 15.477, 309.582



90, 19.654, 309.710



90, 17.645, 325.055



47, 7.669, 309.488



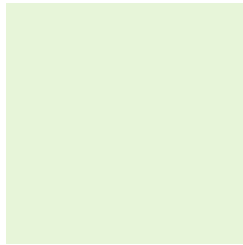
29, 98.508, 311.893



5, 41.489, 312.422

Previews

White Background



This preview shows how the CIE LCh color 95, 15.228, 128.565 looks on a white background.

Color Contrast Check

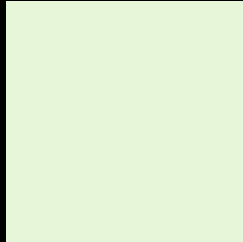
Large Text (above 18pt) WCAG AA × Fail

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, 15.228, 128.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

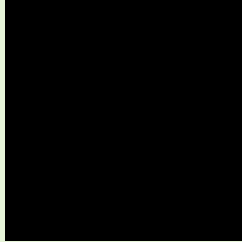
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

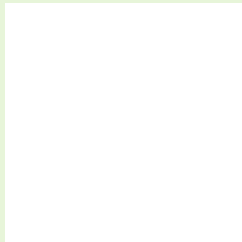
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 15.228, 128.565

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.228, 128.565.

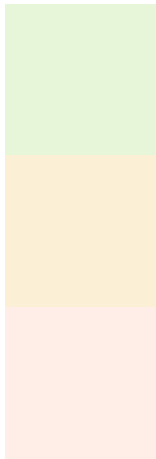


This preview shows how white text looks on a background with the CIELCh color 95, 15.228, 128.565.

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, 15.228, 128.565

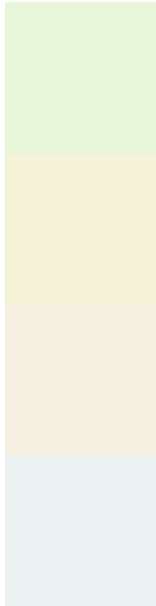
Protanopia
95, 13.897, 92.055

Deuteranopia
95, 7.197, 44.927



Tritanopia
95, 7.731, 285.690

Trichromacy



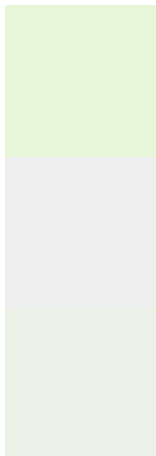
Original Color
95, 15.228, 128.565

Protanomaly
95, 13.810, 106.035

Deuteranomaly
95, 7.472, 92.669

Tritanomaly
95, 2.171, 185.888

Monochromacy



Original Color
95, 15.228, 128.565

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 5.441, 128.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.228, 128.565 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(231, 245, 217)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 217)  
}
```

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(231, 245, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.228, 128.565 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(231, 245, 217) }
```

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

```
.border{ border-color:rgb(231, 245, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 245, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 245, 217); box-shadow:4px 4px 4px 4px rgb(231, 245, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.228, 128.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 217) }
```

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

```
.background{ background-color: rgb(231,  
245, 217) }
```

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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