

Converting Colors

CIELCh(95, 15.748, 126.171)

Have a look what the booklet for
CIELCh(95, 15.748, 126.171)
contains.

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Color

CIELCh(95, 15.590, 126.692)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5D8
RGB	232, 245, 216
RGB Percent	91%, 96%, 85%
CMY	0.0892, 0.0382, 0.1520
CMYK	0.05, 0.00, 0.12, 0.04
HSL	87°, 60%, 90%
HSV	87°, 12%, 96%
XYZ	78.5085, 87.6183, 77.9010
YIQ	237.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

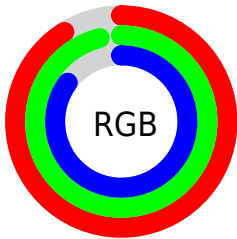
Format	Color
R_{YB}	216, 245, 229
Decimal	15267288
CIE _{Lab}	95.00, -9.32, 12.50
CIE _{LCh}	95, 15.590, 126.692
Yxy	87.6183, 0.3217, 0.3591
Android (android.graphics.Color)	4293457368 (0xFFE8F5D8)
YUV	237.8070, -10.7509, -5.0927
Hunter-Lab	93.6047, -14.0960, 16.1801

Details

The CIELCh color **95, 15.590, 126.692** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 15.882, 307.809**, 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, 15.863, 127.137** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.764, 126.197**, and if you desaturate by 10%, it is **96, 2.397, 127.210**.

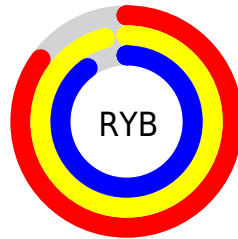
Distribution



Red (91%)

Green (96%)

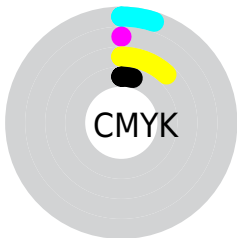
Blue (85%)



Red (85%)

Yellow (96%)

Blue (90%)

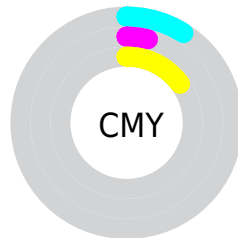


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (9%)


Magenta (4%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 15.590, 126.692 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, 15.590, 126.692 by changing the saturation by 10% instead.


 95, 15.590,
126.692


 95, 15.590,
126.692


 100, 15.590,
126.692


 85, 15.590,
126.692

 75, 15.590,
126.692

 65, 15.590,
126.692

 55, 15.590,
126.692

 45, 15.590,
126.692

 35, 15.590,
126.692

 25, 15.590,

126.692

■ 15, 15.590,
126.692

■ 5, 15.590, 126.692

■ 95, 15.590,
126.692

■ 95, 15.590,
126.692

■ 94, 28.764,
126.197

■ 96, 2.397, 127.210

■ 93, 41.801,
125.693

■ 98, 5.924, 322.457

■ 98, 6.072, 324.602

■ 92, 54.538,
125.210

■ 91, 66.737,
124.792

■ 90, 78.049,
124.507

■ 89, 87.993,
124.457

■ 88, 95.987,
124.768

■ 88, 101.542,
125.557

■ 87, 104.411,
126.523

Harmonies

Complementary

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



95, 15.590, 126.692



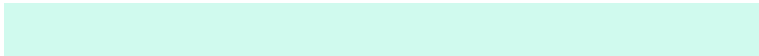
88, 15.882, 307.809

Rectangle

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



95, 15.590, 126.692



95, 15.590, 176.692



95, 15.590, 306.692



95, 15.590, 356.692

Sweetspot

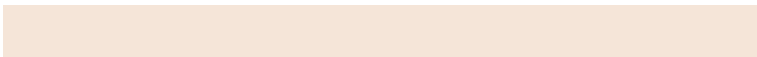
The Sweet Spot groups the original color and five complimentary colors.



95, 15.592, 126.696



99, 5.429, 127.082



92, 8.861, 66.505



53, 3.860, 127.044



0, 0.000, 0.000



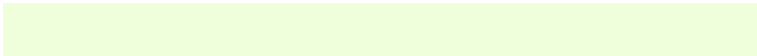
53, 0.007, 296.813

Same Dimension

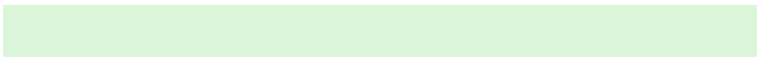
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.592, 126.696



98, 19.051, 126.587



94, 17.863, 142.003



51, 7.478, 126.811



68, 84.676, 126.240



22, 35.942, 124.951

Inverse Universe

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



88, 15.882, 307.809



90, 19.466, 307.925



89, 17.912, 323.228



47, 7.593, 307.688



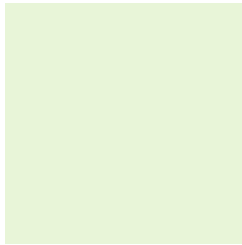
28, 99.603, 310.781



5, 41.347, 310.868

Previews

White Background



This preview shows how the CIE LCh color 95, 15.590, 126.692 looks on a white background.

Color Contrast Check

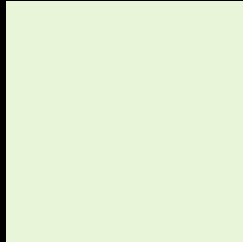
Large Text (above 18pt) WCAG AA × Fail

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, 15.590, 126.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

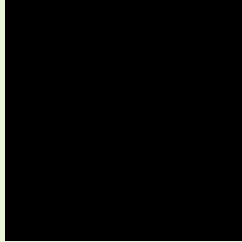
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

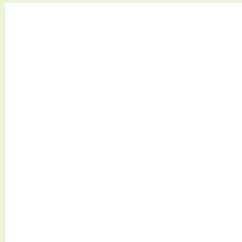
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 15.590, 126.692

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.590, 126.692.

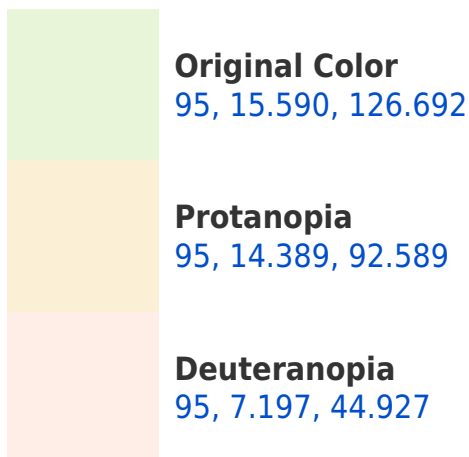


This preview shows how white text looks on a background with the CIELCh color 95, 15.590, 126.692.

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](#).

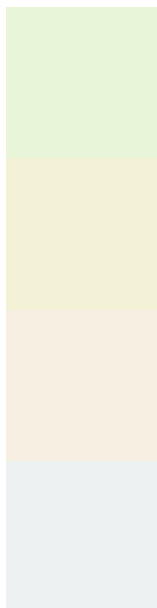
Dichromacy





Tritanopia
95, 8.231, 290.823

Trichromacy



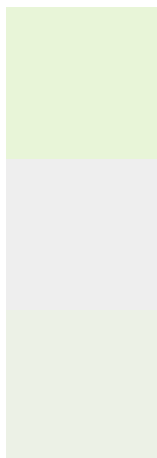
Original Color
95, 15.590, 126.692

Protanomaly
95, 14.320, 106.100

Deuteranomaly
95, 7.584, 90.027

Tritanomaly
95, 1.404, 199.765

Monochromacy



Original Color
95, 15.590, 126.692

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 5.928, 127.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.590, 126.692 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(232, 245, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 216)  
}
```

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(232, 245, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.590, 126.692 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(232, 245, 216) }
```

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

```
.border{ border-color:rgb(232, 245, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 245, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.590, 126.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 216) }
```

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

```
.background{ background-color: rgb(232,  
245, 216) }
```

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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