

Converting Colors

CIELCh(95, 12.069, 135.797)

Have a look what the booklet for
CIELCh(95, 12.069, 135.797)
contains.

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Color

CIELCh(95, 12.068, 135.830)

Conversions

Conversions Part 1

Format	Color
Hex	E6F5E0
RGB	230, 245, 224
RGB Percent	90%, 96%, 88%
CMY	0.0975, 0.0387, 0.1210
CMYK	0.06, 0.00, 0.09, 0.04
HSL	103°, 52%, 92%
HSV	103°, 9%, 96%
XYZ	78.8399, 87.6183, 83.3706
YIQ	238.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

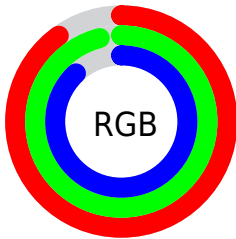
Format	Color
R _Y B	224, 245, 239
Decimal	15136224
CIE Lab	95.00, -8.66, 8.41
CIE LCh	95, 12.068, 135.830
Yxy	87.6183, 0.3156, 0.3507
Android (android.graphics.Color)	4293326304 (0xFFE6F5E0)
YUV	238.1210, -6.9617, -7.1221
Hunter-Lab	93.6047, -13.4640, 12.7156

Details

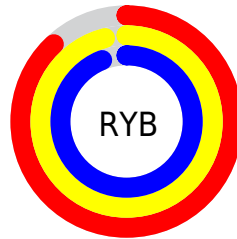
The CIELCh color **95, 12.068, 135.830** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 12.159, 316.530**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 12.206, 136.842** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.251, 135.339**, and if you desaturate by 10%, it is **97, 2.017, 316.138**.

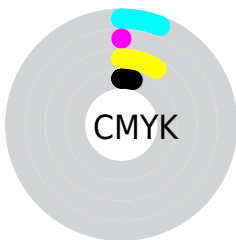
Distribution



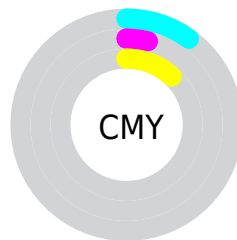
- Red (90%)
- Green (96%)
- Blue (88%)



- Red (88%)
- Yellow (96%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (10%)
- Magenta (4%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.068, 135.830 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, 12.068, 135.830 by changing the saturation by 10% instead.


 95, 12.068,
135.830


 95, 12.068,
135.830


 100, 12.068,
135.830


 85, 12.068,
135.830


 75, 12.068,
135.830

 65, 12.068,
135.830

 55, 12.068,
135.830

 45, 12.068,
135.830

 35, 12.068,
135.830

 25, 12.068,

135.830

■ 15, 12.068,
135.830

■ 5, 12.068, 135.830

■ 95, 12.068,
135.830

■ 95, 12.068,
135.830

■ 93, 26.251,
135.339

■ 97, 2.017, 316.138

■ 92, 40.394,
134.802

■ 98, 6.141, 324.605

■ 90, 54.316,
134.232

■ 89, 67.761,
133.656

■ 88, 80.375,
133.128

■ 87, 91.678,
132.735

■ 86, 101.072,
132.601

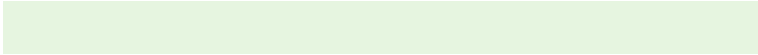
■ 86, 107.966,
132.854

■ 85, 112.159,
133.524

Harmonies

Complementary

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



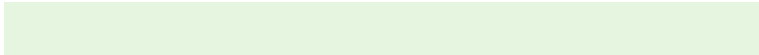
95, 12.068, 135.830



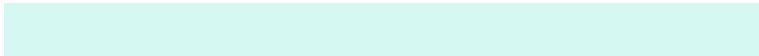
91, 12.159, 316.530

Rectangle

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



95, 12.068, 135.830



95, 12.068, 185.830



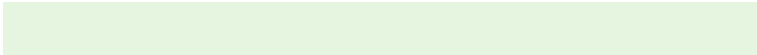
95, 12.068, 315.830



95, 12.068, 5.830

Sweetspot

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



95, 12.070, 135.832



99, 4.344, 136.111



95, 7.857, 92.617



53, 3.296, 136.066



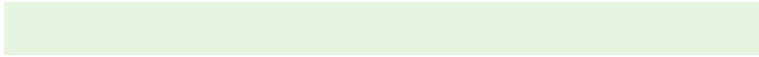
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 12.070, 135.832



98, 14.555, 135.763



95, 11.463, 150.001



50, 8.001, 135.788



66, 91.378, 133.413



21, 38.733, 132.742

Inverse Universe

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



91, 12.159, 316.530



93, 14.673, 316.595



91, 11.499, 331.033



48, 8.063, 316.571



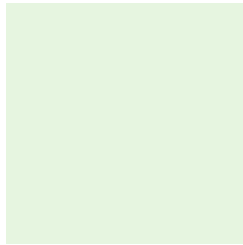
35, 94.283, 317.817



7, 41.536, 319.004

Previews

White Background



This preview shows how the CIE LCh color 95, 12.068, 135.830 looks on a white background.

Color Contrast Check

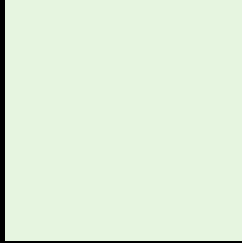
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 12.068, 135.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

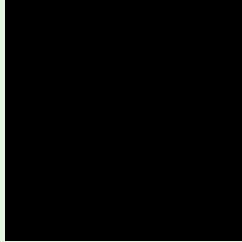
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

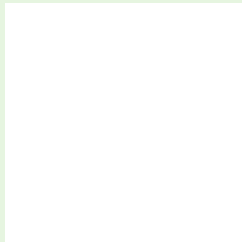
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.068, 135.830

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.068, 135.830.

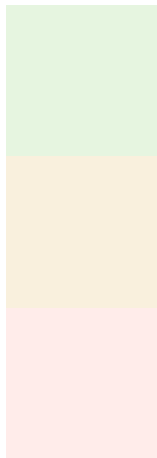


This preview shows how white text looks on a background with the CIELCh color 95, 12.068, 135.830.

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](#).

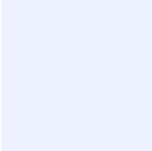
Dichromacy



Original Color
95, 12.068, 135.830

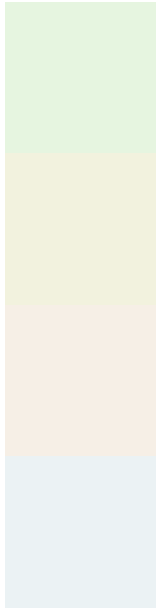
Protanopia
95, 10.249, 90.636

Deuteranopia
95, 6.922, 28.263



Tritanopia
95, 7.763, 283.171

Trichromacy



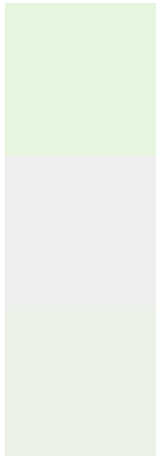
Original Color
95, 12.068, 135.830

Protanomaly
95, 10.224, 109.373

Deuteranomaly
95, 5.234, 80.977

Tritanomaly
95, 2.636, 222.449

Monochromacy



Original Color
95, 12.068, 135.830

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 4.640, 137.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.068, 135.830 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(230, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 245, 224)  
}
```

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(230, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 245, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.068, 135.830 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(230, 245, 224) }
```

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

```
.border{ border-color:rgb(230, 245, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 245, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 245,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.068, 135.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 245, 224) }
```

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

```
.background{ background-color: rgb(230,  
245, 224) }
```

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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