

Converting Colors

CIELCh(95, 11.736, 125.401)

Have a look what the booklet for
CIELCh(95, 11.736, 125.401)
contains.

CIELCh(95, 11.736, 125.400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 11.736, 125.400)

Conversions

Conversions Part 1

Format	Color
Hex	EBF4DE
RGB	235, 244, 222
RGB Percent	92%, 96%, 87%
CMY	0.0785, 0.0432, 0.1295
CMYK	0.04, 0.00, 0.09, 0.04
HSL	85°, 50%, 91%
HSV	85°, 9%, 96%
XYZ	79.7788, 87.6183, 81.7984
YIQ	238.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

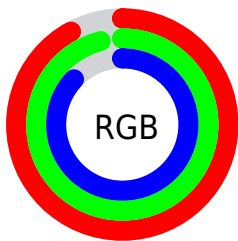
Format	Color
R _Y B	222, 244, 231
Decimal	15463646
CIE Lab	95.00, -6.80, 9.57
CIE LCh	95, 11.736, 125.400
Yxy	87.6183, 0.3201, 0.3516
Android (android.graphics.Color)	4293653726 (0xFFEBF4DE)
YUV	238.8010, -8.2829, -3.3335
Hunter-Lab	93.6047, -11.6735, 13.7115

Details

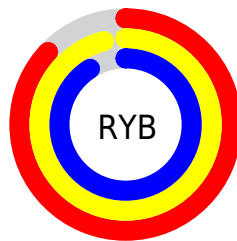
The CIELCh color **95, 11.736, 125.400** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 11.923, 306.280**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 11.814, 126.016** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.754, 124.891**, and if you desaturate by 10%, it is **96, 1.288, 305.804**.

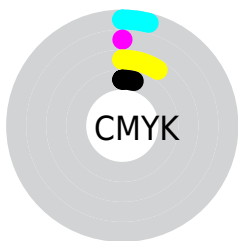
Distribution



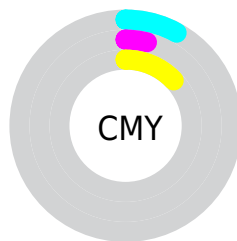
- Red (92%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (91%)



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





- Cyan (8%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.736, 125.400 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, 11.736, 125.400 by changing the saturation by 10% instead.


 95, 11.736,
125.400


 95, 11.736,
125.400


 100, 11.736,
125.400


 85, 11.736,
125.400

 75, 11.736,
125.400

 65, 11.736,
125.400

 55, 11.736,
125.400

 45, 11.736,
125.400

 35, 11.736,
125.400

 25, 11.736,

125.400

■ 15, 11.736,
125.400

■ 5, 11.736, 125.400

■ 95, 11.736,
125.400

■ 95, 11.736,
125.400

■ 94, 24.754,
124.891

■ 96, 1.288, 305.804

■ 93, 37.661,
124.371

■ 97, 6.852, 324.506

■ 97, 6.862, 324.635

■ 92, 50.314,
123.866

■ 91, 62.503,
123.414

■ 90, 73.917,
123.078

■ 89, 84.113,
122.945

■ 88, 92.533,
123.136

■ 88, 98.632,
123.773

■ 87, 102.325,
124.888

Harmonies

Complementary

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



95, 11.736, 125.400



90, 11.923, 306.280

Rectangle

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



95, 11.736, 125.400



95, 11.736, 175.400



95, 11.736, 305.400



95, 11.736, 355.400

Sweetspot

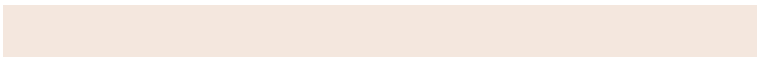
The Sweet Spot groups the original color and five complimentary colors.



95, 11.738, 125.405



100, 4.037, 125.718



92, 6.595, 62.896



53, 3.062, 125.673



0, 0.000, 0.000



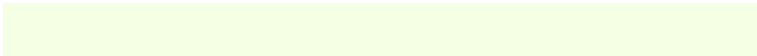
53, 0.007, 296.813

Same Dimension

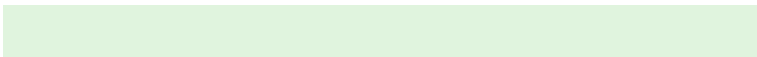
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 11.738, 125.405



99, 14.843, 125.303



94, 13.395, 141.266



51, 7.418, 125.381



68, 83.581, 124.728



22, 35.535, 123.441

Inverse Universe

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



90, 11.923, 306.280



92, 15.120, 306.389



91, 13.439, 322.134



47, 7.540, 306.305



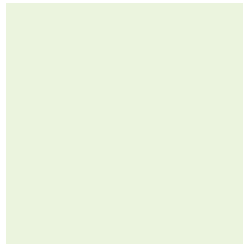
27, 100.417, 310.027



5, 41.224, 309.716

Previews

White Background



This preview shows how the CIELCh color 95, 11.736, 125.400 looks on a white background.

Color Contrast Check

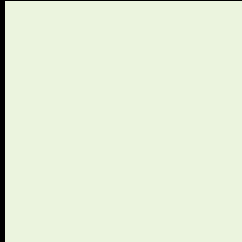
Large Text (above 18pt) WCAG AA × Fail

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, 11.736, 125.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

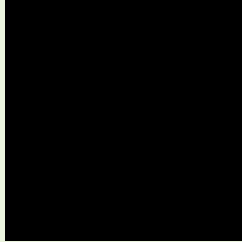
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

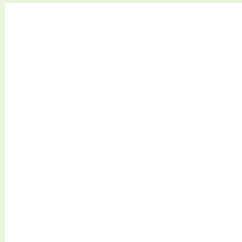
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.736, 125.400

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.736, 125.400.

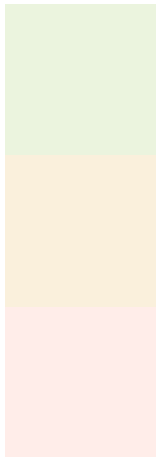


This preview shows how white text looks on a background with the CIELCh color 95, 11.736, 125.400.

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, 11.736, 125.400

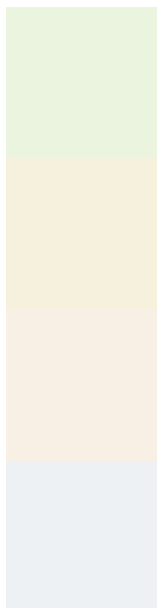
Protanopia
95, 10.855, 89.591

Deuteranopia
95, 6.806, 37.203



Tritanopia
95, 8.243, 293.212

Trichromacy



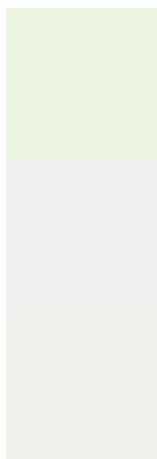
Original Color
95, 11.736, 125.400

Protanomaly
95, 10.323, 101.231

Deuteranomaly
95, 6.308, 82.427

Tritanomaly
95, 1.465, 244.458

Monochromacy



Original Color
95, 11.736, 125.400

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 4.241, 124.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.736, 125.400 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(235, 244, 222)` looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 222)  
}
```

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(235, 244, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.736, 125.400 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(235, 244, 222) }
```

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

```
.border{ border-color:rgb(235, 244, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 244, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 222);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.736, 125.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 222) }
```

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

```
.background{ background-color: rgb(235,  
244, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor