

Converting Colors

CIELCh(95, 8.042, 135.963)

Have a look what the booklet for
CIELCh(95, 8.042, 135.963) contains.

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Color

CIELCh(95, 8.037, 135.966)

Conversions

Conversions Part 1

Format	Color
Hex	EAF4E6
RGB	234, 244, 230
RGB Percent	92%, 96%, 90%
CMY	0.0837, 0.0445, 0.0994
CMYK	0.04, 0.00, 0.06, 0.04
HSL	103°, 38%, 93%
HSV	103°, 6%, 96%
XYZ	80.2977, 87.6183, 87.2886
YIQ	239.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

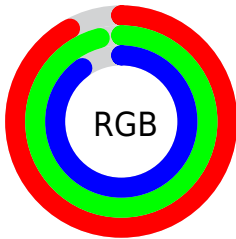
Format	Color
R _Y B	230, 244, 240
Decimal	15398118
CIE Lab	95.00, -5.78, 5.59
CIE LCh	95, 8.037, 135.966
Yxy	87.6183, 0.3146, 0.3433
Android (android.graphics.Color)	4293588198 (0xFFEAF4E6)
YUV	239.4140, -4.6411, -4.7481
Hunter-Lab	93.6047, -10.6839, 10.2339

Details

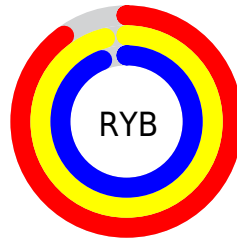
The CIELCh color **95, 8.037, 135.966** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.090, 316.402**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.970, 137.604** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.136, 135.483**, and if you desaturate by 10%, it is **97, 5.935, 316.321**.

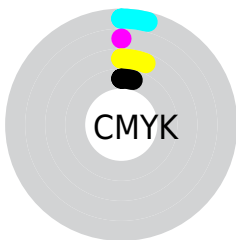
Distribution



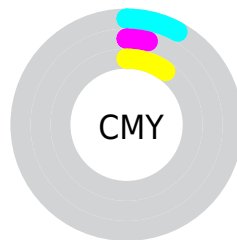
- Red (92%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (94%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.037, 135.966 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, 8.037, 135.966 by changing the saturation by 10% instead.

 95, 8.037, 135.966

 95, 8.037, 135.966

 100, 8.037,
135.966

 85, 8.037, 135.966

 75, 8.037, 135.966

 65, 8.037, 135.966

 55, 8.037, 135.966

 45, 8.037, 135.966

 35, 8.037, 135.966

 25, 8.037, 135.966

 15, 8.037, 135.966

 5, 8.037, 135.966

95, 8.037, 135.966

95, 8.037, 135.966

93, 22.136,
135.483

97, 5.935, 316.321

97, 7.066, 324.644

92, 36.236,
134.959

90, 50.175,
134.397

89, 63.719,
133.818

88, 76.549,
133.269

87, 88.224,
132.827

86, 98.177,
132.606

86, 105.796,
132.738

■ 85, 110.672,
133.311

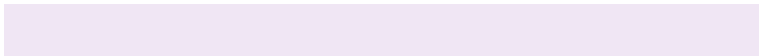
Harmonies

Complementary

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



95, 8.037, 135.966



92, 8.090, 316.402

Rectangle

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



95, 8.037, 135.966



95, 8.037, 185.966



95, 8.037, 315.966



95, 8.037, 5.966

Sweetspot

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



95, 8.039, 135.969



100, 2.891, 136.181



95, 5.226, 92.950



53, 1.643, 136.189



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

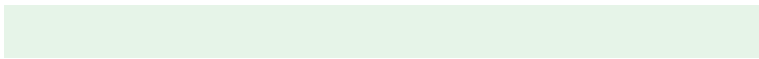
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.039, 135.969



99, 10.172, 135.908



95, 7.632, 150.208



51, 6.394, 135.880



66, 91.378, 133.413



21, 38.733, 132.743

Inverse Universe

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



92, 8.090, 316.402



95, 10.240, 316.461



93, 7.658, 330.839



48, 6.438, 316.487



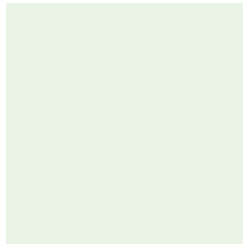
35, 94.283, 317.818



7, 41.536, 319.005

Previews

White Background



This preview shows how the CIE LCh color 95, 8.037, 135.966 looks on a white background.

Color Contrast Check

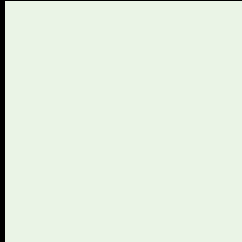
Large Text (above 18pt) WCAG AA × Fail

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, 8.037, 135.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

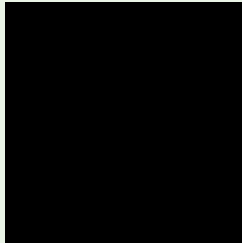
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

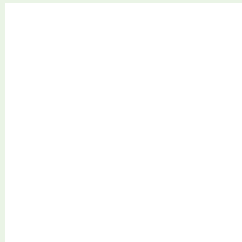
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.037, 135.966

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.037, 135.966.

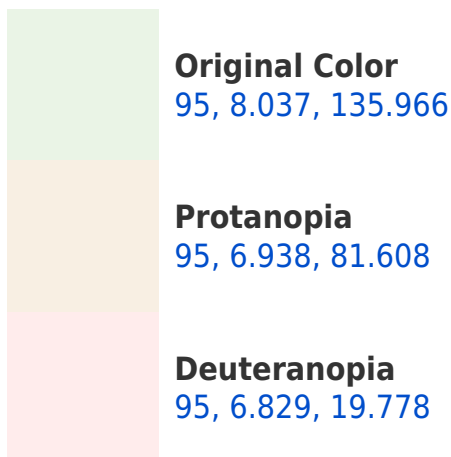


This preview shows how white text looks on a background with the CIELCh color 95, 8.037, 135.966.

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](#).

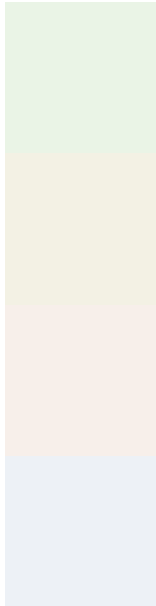
Dichromacy





Tritanopia
95, 7.713, 288.230

Trichromacy



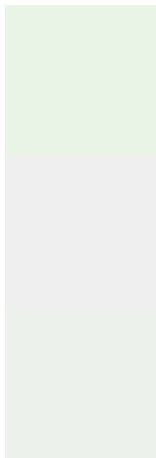
Original Color
95, 8.037, 135.966

Protanomaly
95, 6.682, 103.448

Deuteranomaly
95, 3.824, 61.373

Tritanomaly
95, 2.908, 261.784

Monochromacy



Original Color
95, 8.037, 135.966

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.937, 138.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.037, 135.966 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(234, 244, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 244, 230)  
}
```

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(234, 244, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 244, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.037, 135.966 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(234, 244, 230) }
```

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

```
.border{ border-color:rgb(234, 244, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 244, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 244, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 244, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 244,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.037, 135.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 244, 230) }
```

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

```
.background{ background-color: rgb(234,  
244, 230) }
```

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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