

Converting Colors

CIELCh(95, 12.454, 143.260)

Have a look what the booklet for
CIELCh(95, 12.454, 143.260)
contains.

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Color

CIELCh(95, 12.548, 143.988)

Conversions

Conversions Part 1

Format	Color
Hex	E2F6E2
RGB	226, 246, 226
RGB Percent	89%, 96%, 89%
CMY	0.1135, 0.0350, 0.1135
CMYK	0.08, 0.00, 0.08, 0.04
HSL	120°, 53%, 93%
HSV	120°, 8%, 96%
XYZ	78.0901, 87.6183, 84.7882
YIQ	237.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

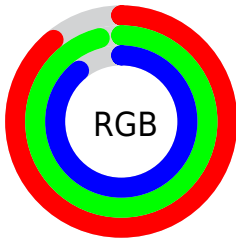
Format	Color
R_{YB}	226, 246, 246
Decimal	14874338
CIE _{Lab}	95.00, -10.15, 7.38
CIE _{LCh}	95, 12.548, 143.988
Yxy	87.6183, 0.3117, 0.3498
Android (android.graphics.Color)	4293064418 (0xFFE2F6E2)
YUV	237.7400, -5.7878, -10.2960
Hunter-Lab	93.6047, -14.8937, 11.8177

Details

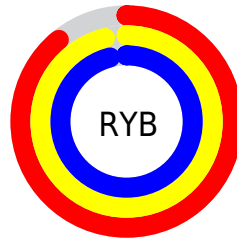
The CIELCh color **95, 12.548, 143.988** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.572, 324.866**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 12.529, 143.875** is the 20% darker color. If you saturate the color by 10%, you get **93, 28.134, 143.292**, and if you desaturate by 10%, it is **97, 2.875, 324.437**.

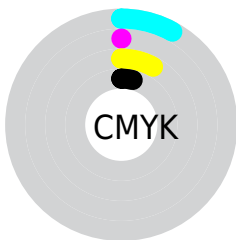
Distribution



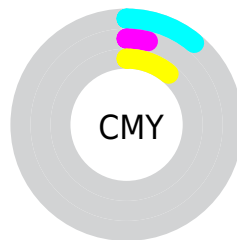
- Red (89%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)




- Cyan (11%)
- Magenta (4%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 12.548, 143.988 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, 12.548, 143.988 by changing the saturation by 10% instead.


 95, 12.548,
143.988

 95, 12.548,
143.988

 100, 12.548,
143.988

 85, 12.548,
143.988

 75, 12.548,
143.988

 65, 12.548,
143.988

 55, 12.548,
143.988

 45, 12.548,
143.988

 35, 12.548,
143.988

 25, 12.548,

143.988

■ 15, 12.548,
143.988

■ 5, 12.548, 143.988

■ 95, 12.548,
143.988

■ 95, 12.548,
143.988

■ 93, 28.134,
143.292

■ 97, 2.875, 324.437

■ 91, 43.663,
142.487

■ 98, 5.565, 324.580

■ 89, 58.846,
141.558

■ 88, 73.305,
140.511

■ 87, 86.562,
139.380

■ 86, 98.047,
138.240

■ 86, 107.120,
137.215

■ 85, 113.211,
136.460

■ 85, 116.196,
136.068

Harmonies

Complementary

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



95, 12.548, 143.988



92, 12.572, 324.866

Rectangle

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



95, 12.548, 143.988



95, 12.548, 193.988



95, 12.548, 323.988



95, 12.548, 13.988

Sweetspot

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



95, 12.550, 143.988



100, 3.155, 144.428



96, 10.195, 109.385



53, 1.793, 144.439



0, 0.000, 0.000



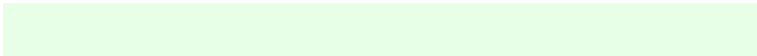
53, 0.007, 296.813

Same Dimension

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



95, 12.550, 143.988



98, 15.912, 143.863



95, 8.751, 163.024



50, 8.745, 143.899



66, 94.552, 136.016



20, 41.094, 137.398

Inverse Universe

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



92, 12.572, 324.866



94, 15.934, 324.975



92, 8.852, 344.279



48, 8.758, 324.945



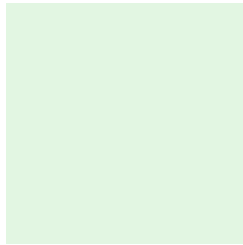
44, 91.228, 328.233



11, 40.561, 328.233

Previews

White Background



This preview shows how the CIELCh color 95, 12.548, 143.988 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, 12.548, 143.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

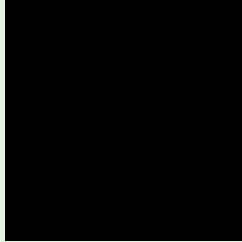
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

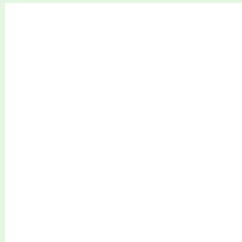
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.548, 143.988

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.548, 143.988.

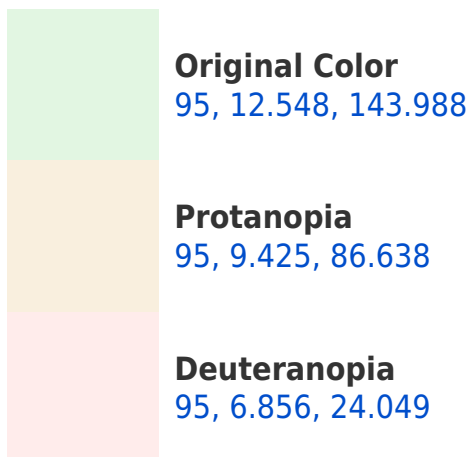


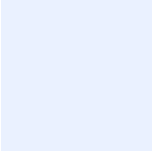
This preview shows how white text looks on a background with the CIELCh color 95, 12.548, 143.988.

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](#).

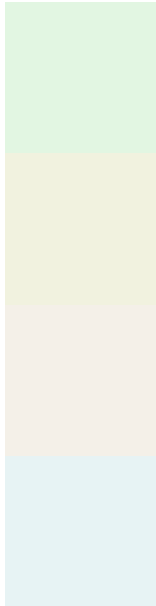
Dichromacy





Tritanopia
95, 7.540, 272.239

Trichromacy



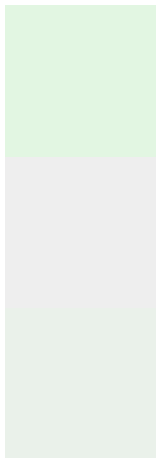
Original Color
95, 12.548, 143.988

Protanomaly
95, 9.724, 111.552

Deuteranomaly
95, 4.323, 90.452

Tritanomaly
95, 4.193, 206.330

Monochromacy



Original Color
95, 12.548, 143.988

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.385, 144.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.548, 143.988 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(226, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 226)  
}
```

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(226, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.548, 143.988 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(226, 246, 226) }
```

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

```
.border{ border-color:rgb(226, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 246,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.548, 143.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 226) }
```

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

```
.background{ background-color: rgb(226,  
246, 226) }
```

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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