

Converting Colors

CIELCh(95, 6.676, 129.451)

Have a look what the booklet for
CIELCh(95, 6.676, 129.451) contains.

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Color

CIELCh(95, 6.653, 131.745)

Conversions

Conversions Part 1

Format	Color
Hex	ECF3E7
RGB	236, 243, 231
RGB Percent	93%, 95%, 91%
CMY	0.0749, 0.0474, 0.0945
CMYK	0.03, 0.00, 0.05, 0.05
HSL	95°, 33%, 93%
HSV	95°, 5%, 95%
XYZ	80.9869, 87.6183, 88.1689
YIQ	239.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

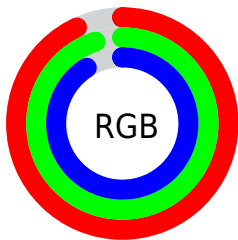
Format	Color
R _Y B	231, 243, 238
Decimal	15528935
CIE Lab	95.00, -4.43, 4.96
CIE LCh	95, 6.653, 131.745
Yxy	87.6183, 0.3154, 0.3412
Android (android.graphics.Color)	4293719015 (0xFFECEF3E7)
YUV	239.5390, -4.2097, -3.1037
Hunter-Lab	93.6047, -9.3698, 9.6763

Details

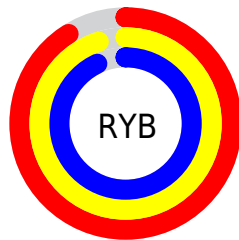
The CIELCh color **95, 6.653, 131.745** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.710, 312.113**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.994, 131.680** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.197, 131.287**, and if you desaturate by 10%, it is **97, 6.714, 312.410**.

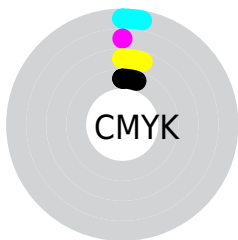
Distribution



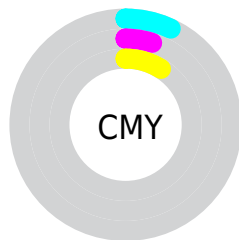
- Red (93%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.653, 131.745 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, 6.653, 131.745 by changing the saturation by 10% instead.

95, 6.653, 131.745

95, 6.653, 131.745

100, 6.653,
131.745

85, 6.653, 131.745

75, 6.653, 131.745

65, 6.653, 131.745

55, 6.653, 131.745

45, 6.653, 131.745

35, 6.653, 131.745

25, 6.653, 131.745

15, 6.653, 131.745

5, 6.653, 131.745

95, 6.653, 131.745

95, 6.653, 131.745

93, 20.197,
131.287

97, 6.714, 312.410

92, 33.724,
130.805

97, 7.537, 324.663

91, 47.097,
130.308


90, 60.120,
129.822

89, 72.510,
129.397

88, 83.868,
129.112

87, 93.667,
129.078

86, 101.317,
129.429

 86, 106.404,
130.262

Harmonies

Complementary

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



95, 6.653, 131.745



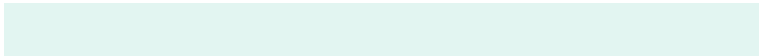
92, 6.710, 312.113

Rectangle

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



95, 6.653, 131.745



95, 6.653, 181.745



95, 6.653, 311.745



95, 6.653, 1.745

Sweetspot

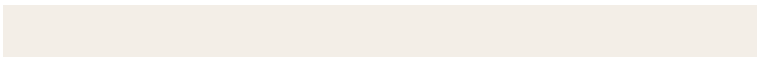
The Sweet Spot groups the original color and five complimentary colors.



95, 6.655, 131.750



100, 1.390, 132.016



94, 3.995, 83.160



53, 0.790, 132.025



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

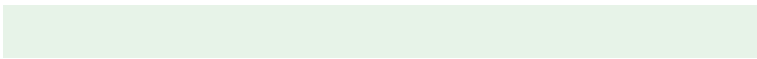
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.655, 131.750



99, 8.411, 131.700



95, 7.108, 146.527



51, 5.397, 131.671



67, 88.372, 130.546



21, 37.398, 129.446

Inverse Universe

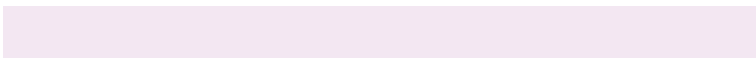
The Inverse Universe completely reimagines the original color for something new.



92, 6.710, 312.113



96, 8.485, 312.163



93, 7.129, 327.011



49, 5.447, 312.192



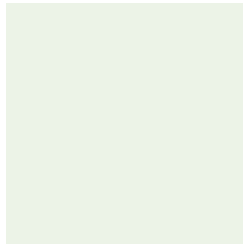
31, 96.761, 313.957



6, 41.633, 314.974

Previews

White Background



This preview shows how the CIE LCh color 95, 6.653, 131.745 looks on a white background.

Color Contrast Check

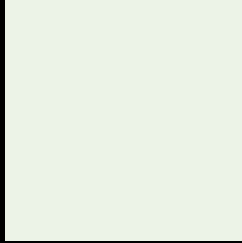
Large Text (above 18pt) WCAG AA × Fail

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, 6.653, 131.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

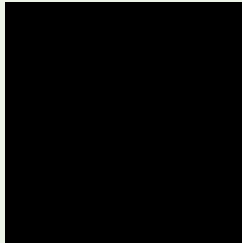
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

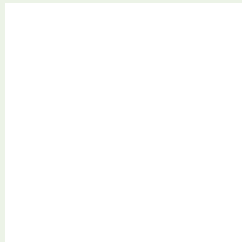
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.653, 131.745

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.653, 131.745.

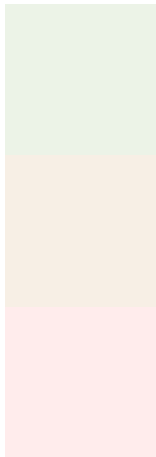


This preview shows how white text looks on a background with the CIELCh color 95, 6.653, 131.745.

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, 6.653, 131.745

Protanopia

95, 5.860, 80.200

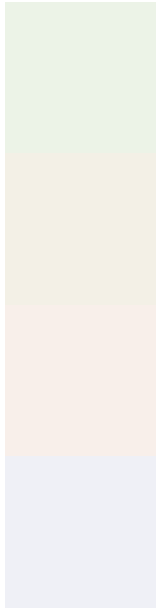
Deuteranopia

95, 6.829, 19.778



Tritanopia
95, 8.243, 293.212

Trichromacy



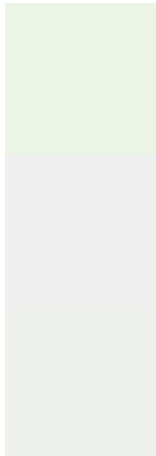
Original Color
95, 6.653, 131.745

Protanomaly
95, 5.219, 97.833

Deuteranomaly
95, 4.101, 58.014

Tritanomaly
95, 3.105, 283.990

Monochromacy



Original Color
95, 6.653, 131.745

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.170, 129.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.653, 131.745 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(236, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(236, 243, 231)  
}
```

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(236, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 243, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.653, 131.745 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(236, 243, 231) }
```

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

```
.border{ border-color:rgb(236, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 243,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.653, 131.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 243, 231) }
```

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

```
.background{ background-color: rgb(236,  
243, 231) }
```

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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