

Converting Colors

CIELCh(95, 7.123, 178.915)

Have a look what the booklet for
CIELCh(95, 7.123, 178.915) contains.

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Color

CIELCh(95, 7.137, 177.929)

Conversions

Conversions Part 1

Format	Color
Hex	E2F5F0
RGB	226, 245, 240
RGB Percent	89%, 96%, 94%
CMY	0.1144, 0.0399, 0.0595
CMYK	0.08, 0.00, 0.02, 0.04
HSL	164°, 48%, 92%
HSV	164°, 8%, 96%
XYZ	79.6095, 87.6183, 95.0163
YIQ	238.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

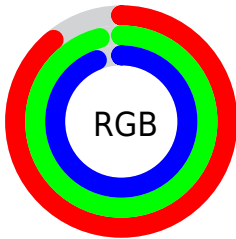
Format	Color
R_{YB}	226, 237, 245
Decimal	14874096
CIE _{Lab}	95.00, -7.13, 0.26
CIE _{LCh}	95, 7.137, 177.929
Yxy	87.6183, 0.3036, 0.3341
Android (android.graphics.Color)	4293064176 (0xFFE2F5F0)
YUV	238.7490, 0.6167, -11.1809
Hunter-Lab	93.6047, -11.9964, 5.3391

Details

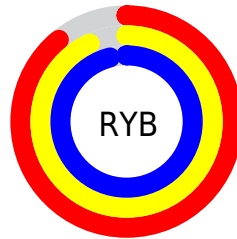
The CIELCh color **95, 7.137, 177.929** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.325, 359.215**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.147, 176.714** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.162, 176.902**, and if you desaturate by 10%, it is **97, 2.080, 358.478**.

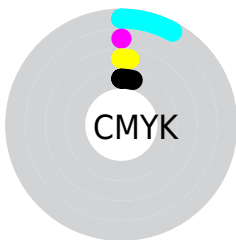
Distribution



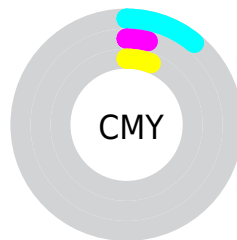
- Red (89%)
- Green (96%)
- Blue (94%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.137, 177.929 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, 7.137, 177.929 by changing the saturation by 10% instead.

95, 7.137, 177.929

95, 7.137, 177.929

100, 7.137,
177.929

85, 7.137, 177.929

75, 7.137, 177.929

65, 7.137, 177.929

55, 7.137, 177.929

45, 7.137, 177.929

35, 7.137, 177.929

25, 7.137, 177.929

15, 7.137, 177.929

5, 7.137, 177.929

95, 7.137, 177.929

95, 7.137, 177.929

93, 16.162,
176.902

97, 2.080, 358.478

92, 24.856,
175.849

97, 5.416, 331.580

98, 6.335, 324.613

90, 33.070,
174.717

89, 40.646,
173.482

88, 47.433,
172.121

88, 53.308,
170.609

87, 58.197,
168.920

87, 62.102,
167.037

■ 86, 65.137,
164.969

Harmonies

Complementary

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



95, 7.137, 177.929



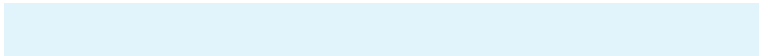
91, 7.325, 359.215

Rectangle

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



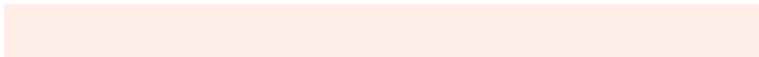
95, 7.137, 177.929



95, 7.137, 227.929



95, 7.137, 357.929



95, 7.137, 47.929

Sweetspot

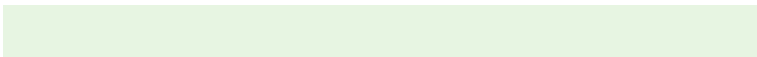
The Sweet Spot groups the original color and five complimentary colors.



95, 7.139, 177.918



100, 1.906, 178.679



95, 10.976, 136.460



53, 1.083, 178.705



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, 7.139, 177.918



98, 8.547, 177.788



94, 5.483, 223.859



50, 5.220, 177.741



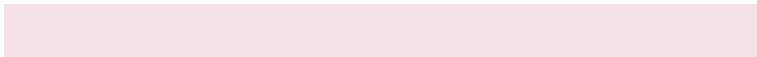
67, 53.231, 164.893



21, 22.634, 168.046

Inverse Universe

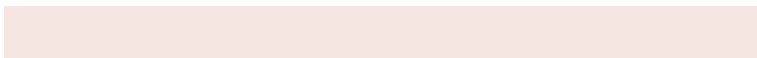
The Inverse Universe completely reimagines the original color for something new.



91, 7.325, 359.215



94, 8.805, 359.353



92, 5.742, 43.027



48, 5.385, 359.404



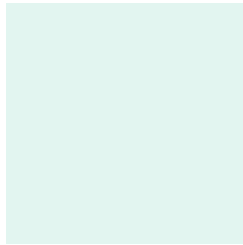
39, 70.575, 24.378



9, 29.774, 13.433

Previews

White Background



This preview shows how the CIE LCh color 95, 7.137, 177.929 looks on a white background.

Color Contrast Check

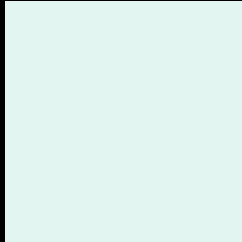
Large Text (above 18pt) WCAG AA × Fail

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, 7.137, 177.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

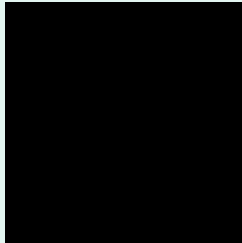
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

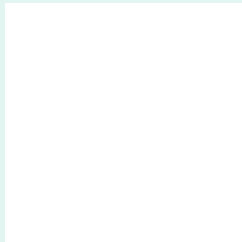
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.137, 177.929

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.137, 177.929.



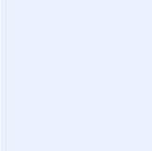
This preview shows how white text looks on a background with the CIELCh color 95, 7.137, 177.929.

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](#).

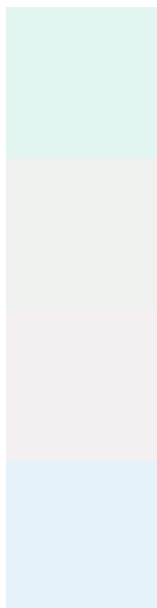
Dichromacy





Tritanopia
95, 7.647, 269.812

Trichromacy



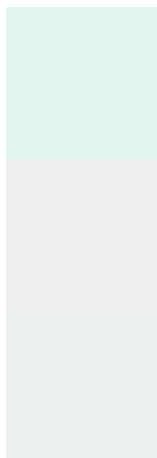
Original Color
95, 7.137, 177.929

Protanomaly
95, 1.871, 144.531

Deuteranomaly
95, 2.061, 349.347

Tritanomaly
95, 5.426, 240.907

Monochromacy



Original Color
95, 7.137, 177.929

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.676, 176.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.137, 177.929 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, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(226, 245, 240)  
}
```

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, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.137, 177.929 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, 245, 240) }
```

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

```
.border{ border-color:rgb(226, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 245,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.137, 177.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 245, 240) }
```

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

```
.background{ background-color: rgb(226,  
245, 240) }
```

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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