

Converting Colors

CIELCh(95, 6.150, 163.477)

Have a look what the booklet for
CIELCh(95, 6.150, 163.477) contains.

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Color

CIELCh(95, 6.130, 163.252)

Conversions

Conversions Part 1

Format	Color
Hex	E6F4ED
RGB	230, 244, 237
RGB Percent	90%, 96%, 93%
CMY	0.0981, 0.0432, 0.0707
CMYK	0.06, 0.00, 0.03, 0.04
HSL	150°, 39%, 93%
HSV	150°, 6%, 96%
XYZ	80.2509, 87.6183, 92.7841
YIQ	239.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

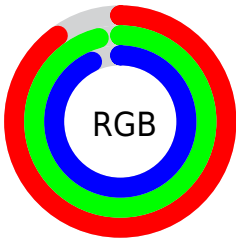
Format	Color
R _Y B	230, 239, 244
Decimal	15135981
CIE Lab	95.00, -5.87, 1.77
CIE LCh	95, 6.130, 163.252
Yxy	87.6183, 0.3079, 0.3361
Android (android.graphics.Color)	4293326061 (0xFFE6F4ED)
YUV	239.0160, -0.9939, -7.9070
Hunter-Lab	93.6047, -10.7733, 6.7530

Details

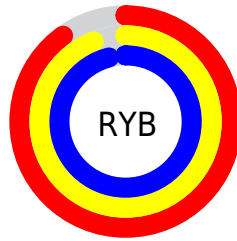
The CIELCh color **95, 6.130, 163.252** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 6.189, 344.043**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.441, 163.100** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.830, 162.302**, and if you desaturate by 10%, it is **97, 4.549, 343.873**.

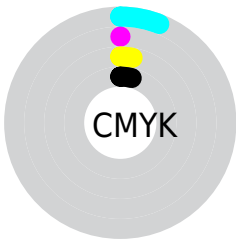
Distribution



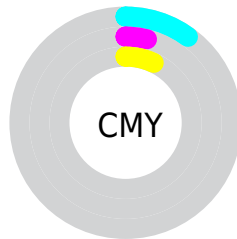
- Red (90%)
- Green (96%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.130, 163.252 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, 6.130, 163.252 by changing the saturation by 10% instead.

95, 6.130, 163.252

95, 6.130, 163.252

100, 6.130,
163.252

85, 6.130, 163.252

75, 6.130, 163.252

65, 6.130, 163.252

55, 6.130, 163.252

45, 6.130, 163.252

35, 6.130, 163.252

25, 6.130, 163.252

15, 6.130, 163.252

5, 6.130, 163.252

95, 6.130, 163.252

95, 6.130, 163.252

93, 16.830,
162.302

97, 4.549, 343.873

97, 6.863, 324.635

91, 27.414,
161.294

90, 37.729,
160.170

89, 47.596,
158.902

87, 56.831,
157.464

87, 65.260,
155.831

86, 72.749,
153.985

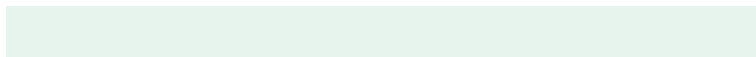
85, 79.236,
151.923

■ 85, 84.754,
149.671

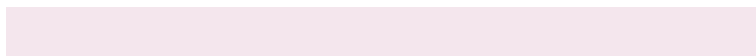
Harmonies

Complementary

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



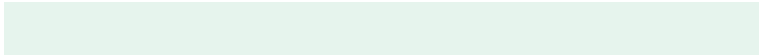
95, 6.130, 163.252



93, 6.189, 344.043

Rectangle

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



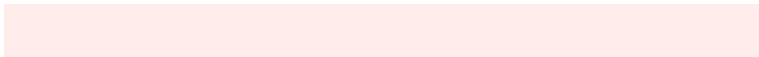
95, 6.130, 163.252



95, 6.130, 213.252



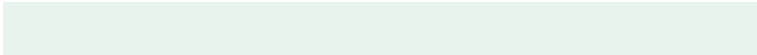
95, 6.130, 343.252



95, 6.130, 33.252

Sweetspot

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



95, 6.132, 163.245



100, 2.207, 163.700



95, 7.580, 128.246



53, 1.255, 163.720



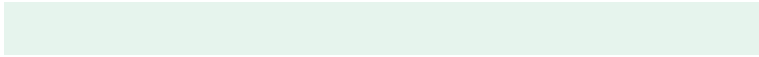
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

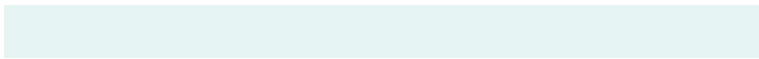
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.132, 163.245



99, 7.755, 163.122



95, 4.867, 197.805



50, 4.874, 163.067



66, 70.324, 149.124



21, 29.117, 152.702

Inverse Universe

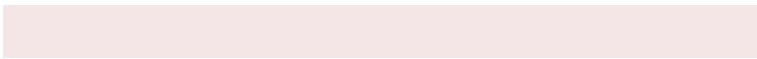
The Inverse Universe completely reimagines the original color for something new.



93, 6.189, 344.043



95, 7.835, 344.166



92, 5.042, 18.269



48, 4.927, 344.220



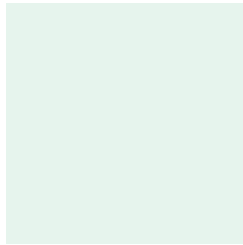
40, 66.898, 2.011



9, 30.258, 355.889

Previews

White Background



This preview shows how the CIELCh color 95, 6.130, 163.252 looks on a white background.

Color Contrast Check

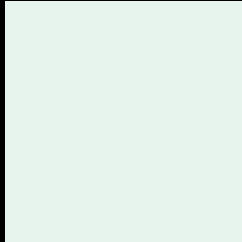
Large Text (above 18pt) WCAG AA × Fail

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, 6.130, 163.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

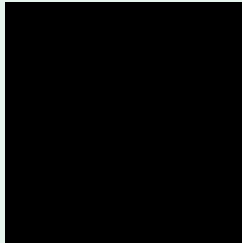
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

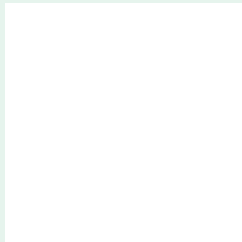
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.130, 163.252

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.130, 163.252.

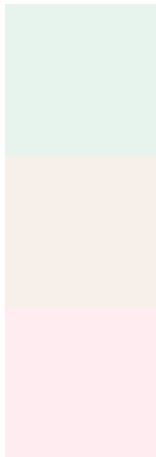


This preview shows how white text looks on a background with the CIELCh color 95, 6.130, 163.252.

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, 6.130, 163.252

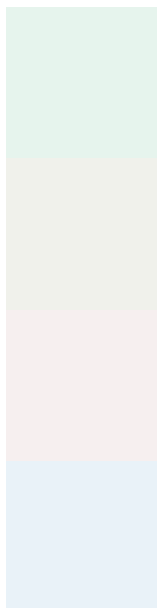
Protanopia
95, 3.564, 65.237

Deuteranopia
95, 7.104, 3.065



Tritanopia
95, 7.445, 274.736

Trichromacy



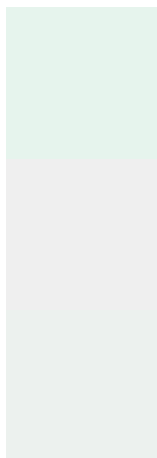
Original Color
95, 6.130, 163.252

Protanomaly
95, 3.090, 116.527

Deuteranomaly
95, 2.488, 19.319

Tritanomaly
95, 4.343, 244.670

Monochromacy



Original Color
95, 6.130, 163.252

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.350, 158.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.130, 163.252 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(230, 244, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 237)  
}
```

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(230, 244, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.130, 163.252 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(230, 244, 237) }
```

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

```
.border{ border-color:rgb(230, 244, 237) }
```

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

Here you see how a box with a 4 pixel rgb(230, 244, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.130, 163.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 237) }
```

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

```
.background{ background-color: rgb(230,  
244, 237) }
```

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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