

Converting Colors

CIELCh(95, 5.409, 162.095)

Have a look what the booklet for
CIELCh(95, 5.409, 162.095) contains.

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Color

CIELCh(95, 5.850, 161.287)

Conversions

Conversions Part 1

Format	Color
Hex	E7F4ED
RGB	231, 244, 237
RGB Percent	91%, 96%, 93%
CMY	0.0950, 0.0440, 0.0715
CMYK	0.05, 0.00, 0.03, 0.04
HSL	148°, 37%, 93%
HSV	148°, 5%, 96%
XYZ	80.4187, 87.6183, 92.6221
YIQ	239.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

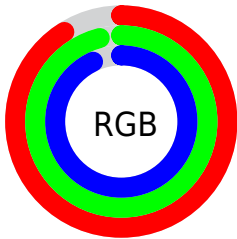
Format	Color
R _Y B	231, 240, 244
Decimal	15201517
CIE Lab	95.00, -5.54, 1.88
CIE LCh	95, 5.850, 161.287
Yxy	87.6183, 0.3085, 0.3361
Android (android.graphics.Color)	4293391597 (0xFFE7F4ED)
YUV	239.3150, -1.1413, -7.2923
Hunter-Lab	93.6047, -10.4532, 6.8556

Details

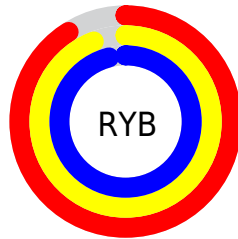
The CIELCh color **95, 5.850, 161.287** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.899, 341.977**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.148, 161.148** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.861, 160.363**, and if you desaturate by 10%, it is **97, 5.069, 341.506**.

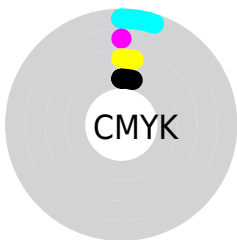
Distribution



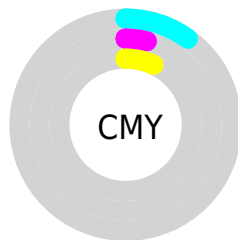
- Red (91%)
- Green (96%)
- Blue (93%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.850, 161.287 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, 5.850, 161.287 by changing the saturation by 10% instead.

95, 5.850, 161.287

95, 5.850, 161.287

100, 5.850,
161.287

85, 5.850, 161.287

75, 5.850, 161.287

65, 5.850, 161.287

55, 5.850, 161.287

45, 5.850, 161.287

35, 5.850, 161.287

25, 5.850, 161.287

15, 5.850, 161.287

5, 5.850, 161.287

95, 5.850, 161.287

95, 5.850, 161.287

93, 16.861,
160.363

97, 5.069, 341.506

97, 6.989, 324.641

91, 27.785,
159.382

90, 38.467,
158.282

88, 48.723,
157.034

87, 58.362,
155.615

86, 67.199,
153.999

86, 75.089,
152.171

85, 81.951,
150.130

■ 85, 87.800,
147.907

Harmonies

Complementary

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



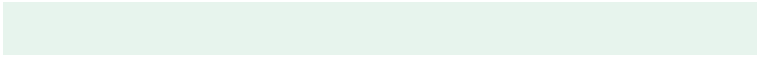
95, 5.850, 161.287



93, 5.899, 341.977

Rectangle

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



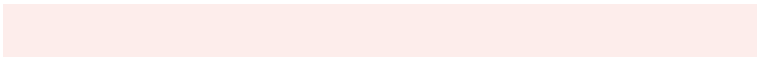
95, 5.850, 161.287



95, 5.850, 211.287



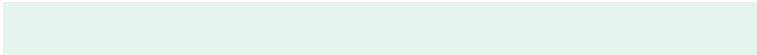
95, 5.850, 341.287



95, 5.850, 31.287

Sweetspot

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



95, 5.852, 161.280



100, 2.268, 161.678



95, 6.987, 127.074



53, 1.289, 161.697



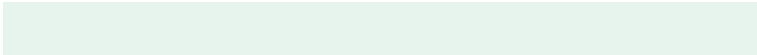
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

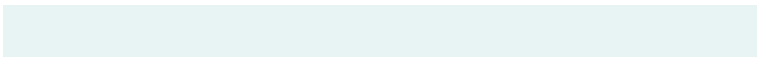
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.852, 161.280



99, 6.831, 161.215



95, 4.541, 195.029



51, 4.383, 161.157



66, 73.089, 147.275



21, 30.206, 150.829

Inverse Universe

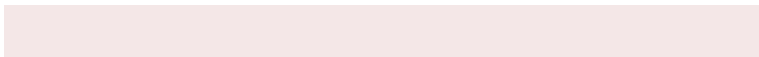
The Inverse Universe completely reimagines the original color for something new.



93, 5.899, 341.977



96, 6.887, 342.042



93, 4.684, 15.505



49, 4.421, 342.100



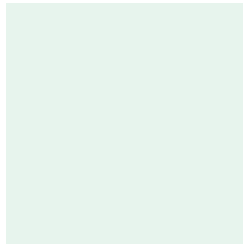
40, 67.462, 358.405



9, 30.664, 352.950

Previews

White Background



This preview shows how the CIE LCh color 95, 5.850, 161.287 looks on a white background.

Color Contrast Check

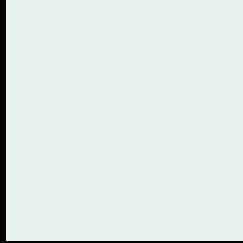
Large Text (above 18pt) WCAG AA × Fail

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, 5.850, 161.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

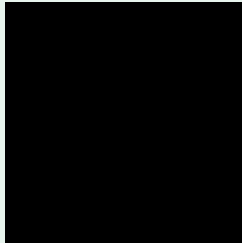
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

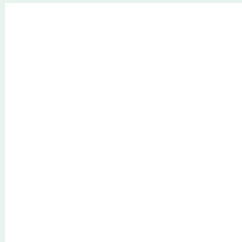
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.850, 161.287

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.850, 161.287.

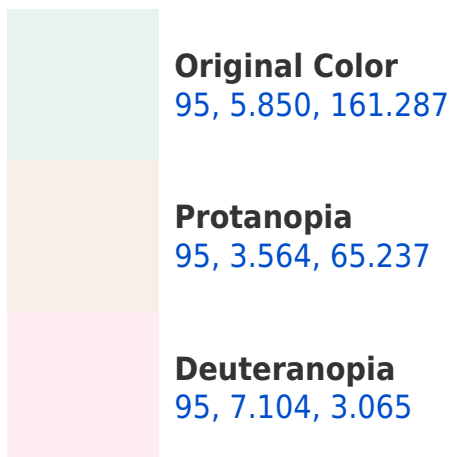


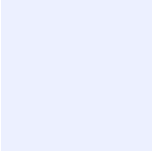
This preview shows how white text looks on a background with the CIELCh color 95, 5.850, 161.287.

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](#).

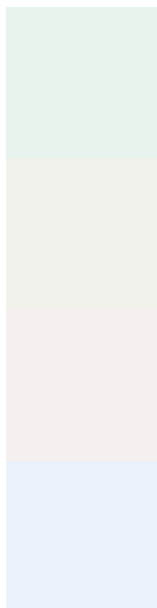
Dichromacy





Tritanopia
95, 7.810, 280.681

Trichromacy



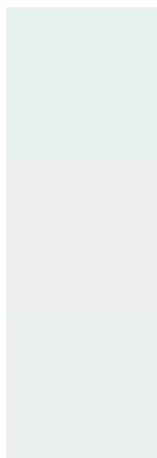
Original Color
95, 5.850, 161.287

Protanomaly
95, 3.090, 116.527

Deuteranomaly
95, 2.488, 19.319

Tritanomaly
95, 4.306, 256.235

Monochromacy



Original Color
95, 5.850, 161.287

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, 5.850, 161.287 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(231, 244, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 244, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.850, 161.287 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(231, 244, 237) }
```

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

```
.border{ border-color:rgb(231, 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(231, 244, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 244,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.850, 161.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 244, 237) }
```

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

```
.background{ background-color: rgb(231,  
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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