

Converting Colors

CIELCh(95, 4.980, 161.011)

Have a look what the booklet for
CIELCh(95, 4.980, 161.011) contains.

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Color

CIELCh(95, 4.976, 161.013)

Conversions

Conversions Part 1

Format	Color
Hex	E8F3ED
RGB	232, 243, 237
RGB Percent	91%, 95%, 93%
CMY	0.0890, 0.0459, 0.0694
CMYK	0.05, 0.00, 0.02, 0.05
HSL	147°, 32%, 93%
HSV	147°, 5%, 95%
XYZ	80.8457, 87.6183, 93.0008
YIQ	239.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

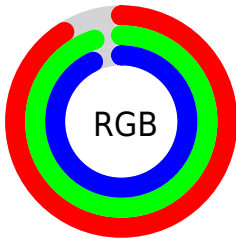
Format	Color
R _Y B	232, 240, 243
Decimal	15266797
CIE Lab	95.00, -4.71, 1.62
CIE LCh	95, 4.976, 161.013
Yxy	87.6183, 0.3092, 0.3351
Android (android.graphics.Color)	4293456877 (0xFFE8F3ED)
YUV	239.0270, -0.9993, -6.1627
Hunter-Lab	93.6047, -9.6390, 6.6158

Details

The CIELCh color **95, 4.976, 161.013** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.015, 341.540**, 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, 5.231, 160.891** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.029, 160.089**, and if you desaturate by 10%, it is **97, 5.576, 337.894**.

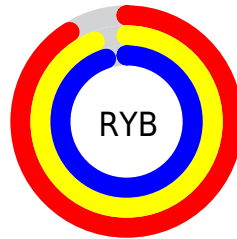
Distribution



Red (91%)

Green (95%)

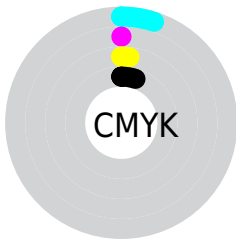
Blue (93%)



Red (91%)

Yellow (94%)

Blue (95%)

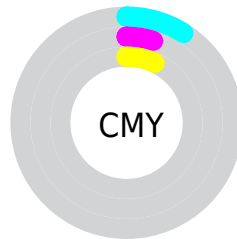


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.976, 161.013 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, 4.976, 161.013 by changing the saturation by 10% instead.

95, 4.976, 161.013

95, 4.976, 161.013

100, 4.976,
161.013

85, 4.976, 161.013

75, 4.976, 161.013

65, 4.976, 161.013

55, 4.976, 161.013

45, 4.976, 161.013

35, 4.976, 161.013

25, 4.976, 161.013

15, 4.976, 161.013

5, 4.976, 161.013

95, 4.976, 161.013

95, 4.976, 161.013

93, 16.029,
160.089

97, 5.576, 337.894

97, 7.285, 324.653

91, 27.011,
159.120

90, 37.768,
158.034

88, 48.119,
156.803

87, 57.869,
155.401

86, 66.832,
153.804

86, 74.855,
151.996

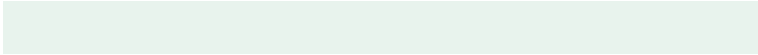
85, 81.851,
149.976

■ 85, 87.822,
147.771

Harmonies

Complementary

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



95, 4.976, 161.013



93, 5.015, 341.540

Rectangle

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



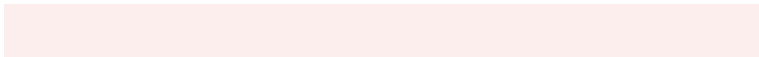
95, 4.976, 161.013



95, 4.976, 211.013



95, 4.976, 341.013



95, 4.976, 31.013

Sweetspot

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



95, 4.978, 161.005



100, 1.135, 161.606



95, 5.914, 127.115



53, 0.645, 161.631



0, 0.000, 0.000



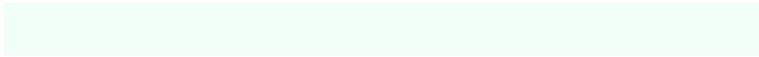
53, 0.007, 296.813

Same Dimension

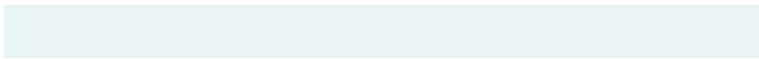
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.978, 161.005



99, 5.718, 160.956



95, 3.852, 195.108



51, 3.774, 160.891



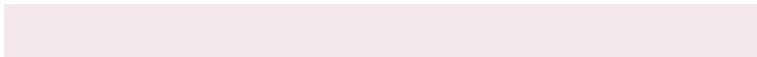
66, 73.588, 146.954



21, 30.404, 150.502

Inverse Universe

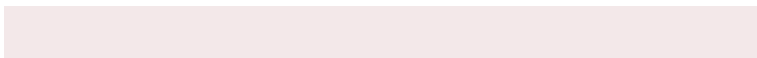
The Inverse Universe completely reimagines the original color for something new.



93, 5.015, 341.540



97, 5.762, 341.588



93, 3.955, 15.419



49, 3.804, 341.653



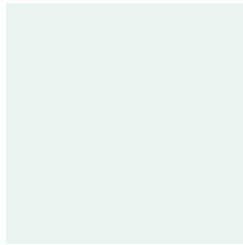
40, 67.599, 357.758



9, 30.748, 352.426

Previews

White Background



This preview shows how the CIE LCh color 95, 4.976, 161.013 looks on a white background.

Color Contrast Check

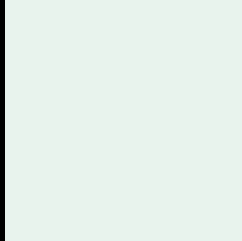
Large Text (above 18pt) WCAG AA × Fail

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, 4.976, 161.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

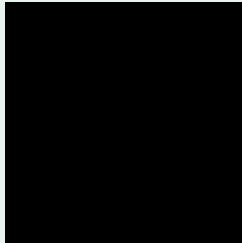
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

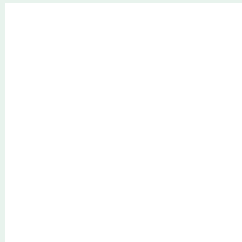
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.976, 161.013

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.976, 161.013.

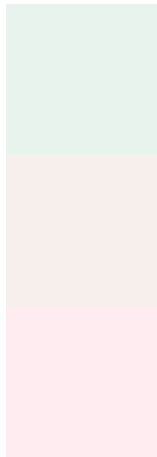


This preview shows how white text looks on a background with the CIELCh color 95, 4.976, 161.013.

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](#).

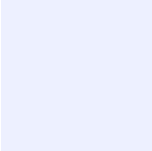
Dichromacy



Original Color
95, 4.976, 161.013

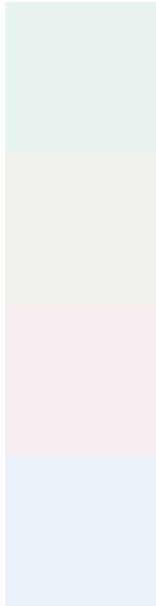
Protanopia
95, 3.216, 58.875

Deuteranopia
95, 7.104, 3.065



Tritanopia
95, 7.763, 283.171

Trichromacy



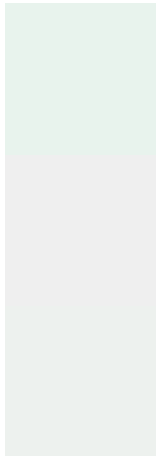
Original Color
95, 4.976, 161.013

Protanomaly
95, 2.552, 109.950

Deuteranomaly
95, 2.845, 19.375

Tritanomaly
95, 4.576, 263.552

Monochromacy



Original Color
95, 4.976, 161.013

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.095, 152.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.976, 161.013 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(232, 243, 237)` looks like.

```
.text, #text, p{  
    color:rgb(232, 243, 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(232, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 243, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.976, 161.013 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(232, 243, 237) }
```

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

```
.border{ border-color:rgb(232, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(232, 243,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.976, 161.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 243, 237) }
```

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

```
.background{ background-color: rgb(232,  
243, 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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