

Converting Colors

CIELCh(95, 8.606, 167.184)

Have a look what the booklet for
CIELCh(95, 8.606, 167.184) contains.

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Color

CIELCh(95, 8.167, 168.746)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5ED
RGB	225, 245, 237
RGB Percent	88%, 96%, 93%
CMY	0.1167, 0.0383, 0.0697
CMYK	0.08, 0.00, 0.03, 0.04
HSL	156°, 51%, 92%
HSV	156°, 8%, 96%
XYZ	79.1656, 87.6183, 93.0377
YIQ	238.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

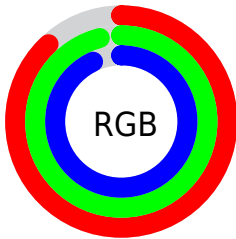
Format	Color
R _Y B	225, 238, 245
Decimal	14808557
CIE Lab	95.00, -8.01, 1.59
CIE LCh	95, 8.167, 168.746
Yxy	87.6183, 0.3047, 0.3372
Android (android.graphics.Color)	4292998637 (0xFFE1F5ED)
YUV	238.1080, -0.5462, -11.4957
Hunter-Lab	93.6047, -12.8428, 6.5924

Details

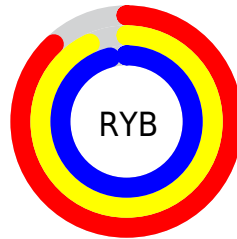
The CIELCh color **95, 8.167, 168.746** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.308, 350.088**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.261, 167.304** is the 20% darker color. If you saturate the color by 10%, you get **93, 18.108, 167.736**, and if you desaturate by 10%, it is **97, 1.853, 349.286**.

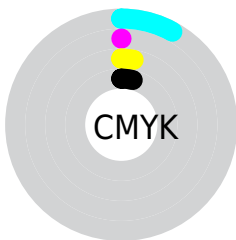
Distribution



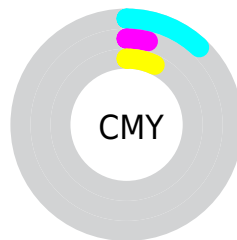
- Red (88%)
- Green (96%)
- Blue (93%)



- Red (88%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.167, 168.746 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, 8.167, 168.746 by changing the saturation by 10% instead.

 95, 8.167, 168.746

 95, 8.167, 168.746

 100, 8.167,
168.746

 85, 8.167, 168.746

 75, 8.167, 168.746

 65, 8.167, 168.746

 55, 8.167, 168.746

 45, 8.167, 168.746

 35, 8.167, 168.746

 25, 8.167, 168.746

 15, 8.167, 168.746

 5, 8.167, 168.746

95, 8.167, 168.746

95, 8.167, 168.746

93, 18.108,
167.736

97, 1.853, 349.286

98, 6.078, 324.602

92, 27.828,
166.663

90, 37.174,
165.478

89, 45.976,
164.158

88, 54.066,
162.674

87, 61.297,
161.002

87, 67.575,
159.120

86, 72.883,
157.023

■ 86, 77.324,
154.742

Harmonies

Complementary

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



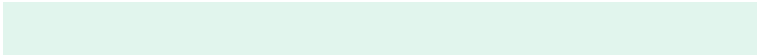
95, 8.167, 168.746



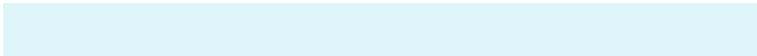
91, 8.308, 350.088

Rectangle

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



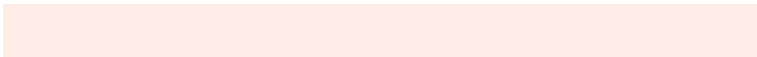
95, 8.167, 168.746



95, 8.167, 218.746



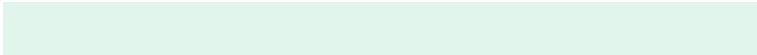
95, 8.167, 348.746



95, 8.167, 38.746

Sweetspot

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



95, 8.169, 168.739



100, 2.063, 169.488



95, 11.092, 131.595



53, 1.173, 169.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

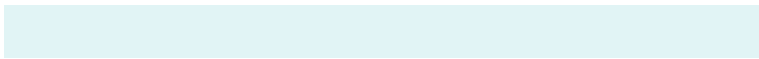
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.169, 168.739



98, 10.331, 168.553



95, 6.365, 206.851



50, 5.681, 168.607



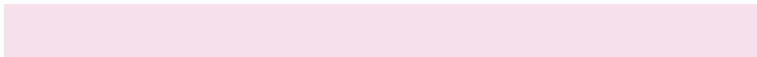
67, 62.997, 154.755



21, 26.295, 158.293

Inverse Universe

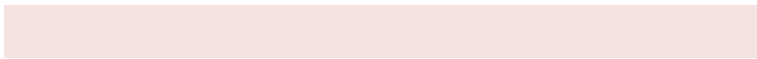
The Inverse Universe completely reimagines the original color for something new.



91, 8.308, 350.088



93, 10.541, 350.279



92, 6.711, 27.123



48, 5.791, 350.224



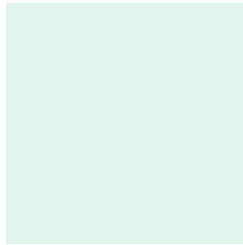
40, 66.950, 11.689



9, 29.666, 3.977

Previews

White Background



This preview shows how the CIELCh color 95, 8.167, 168.746 looks on a white background.

Color Contrast Check

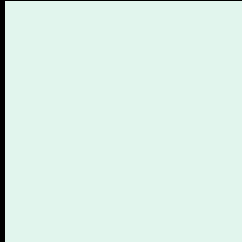
Large Text (above 18pt) WCAG AA × Fail

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, 8.167, 168.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

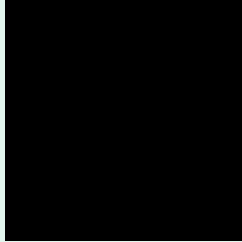
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

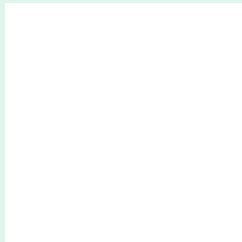
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.167, 168.746

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.167, 168.746.

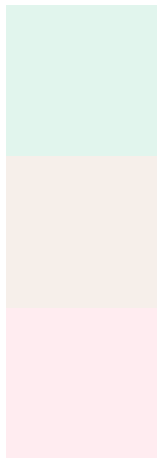


This preview shows how white text looks on a background with the CIELCh color 95, 8.167, 168.746.

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](#).

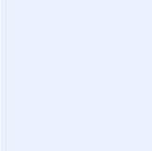
Dichromacy



Original Color
95, 8.167, 168.746

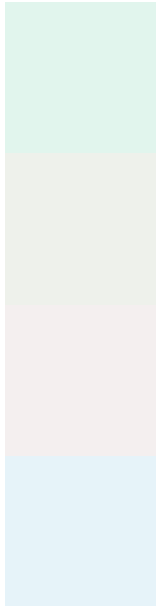
Protanopia
95, 3.564, 65.237

Deuteranopia
95, 7.104, 3.065



Tritanopia
95, 7.647, 269.812

Trichromacy



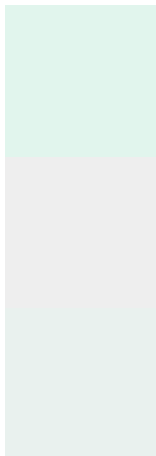
Original Color
95, 8.167, 168.746

Protanomaly
95, 3.259, 129.002

Deuteranomaly
95, 1.775, 19.169

Tritanomaly
95, 5.385, 234.241

Monochromacy



Original Color
95, 8.167, 168.746

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.223, 170.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.167, 168.746 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(225, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 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(225, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.167, 168.746 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(225, 245, 237) }
```

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

```
.border{ border-color:rgb(225, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.167, 168.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 237) }
```

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

```
.background{ background-color: rgb(225,  
245, 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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