

Converting Colors

CIELCh(95, 8.344, 159.621)

Have a look what the booklet for
CIELCh(95, 8.344, 159.621) contains.

CIELCh(95, 8.203, 160.245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 8.203, 160.245)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5EB
RGB	227, 245, 235
RGB Percent	89%, 96%, 92%
CMY	0.1099, 0.0393, 0.0785
CMYK	0.07, 0.00, 0.04, 0.04
HSL	147°, 47%, 93%
HSV	147°, 7%, 96%
XYZ	79.3120, 87.6183, 91.3149
YIQ	238.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

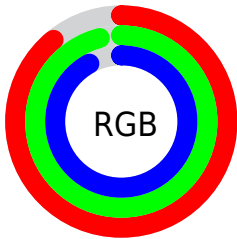
Format	Color
R_{YB}	227, 239, 245
Decimal	14939627
CIE Lab	95.00, -7.72, 2.77
CIE LCh	95, 8.203, 160.245
Yxy	87.6183, 0.3071, 0.3393
Android (android.graphics.Color)	4293129707 (0xFFE3F5EB)
YUV	238.4780, -1.7147, -10.0662
Hunter-Lab	93.6047, -12.5637, 7.6836

Details

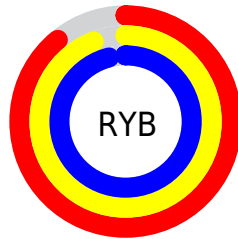
The CIELCh color **95, 8.203, 160.245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.276, 341.298**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.337, 158.539** is the 20% darker color. If you saturate the color by 10%, you get **93, 19.399, 159.334**, and if you desaturate by 10%, it is **97, 2.958, 340.817**.

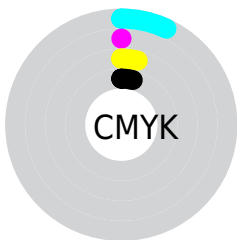
Distribution



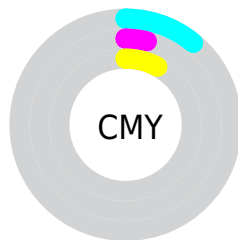
- Red (89%)
- Green (96%)
- Blue (92%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.203, 160.245 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, 8.203, 160.245 by changing the saturation by 10% instead.

 95, 8.203, 160.245

 95, 8.203, 160.245

 100, 8.203,
160.245

 85, 8.203, 160.245

 75, 8.203, 160.245

 65, 8.203, 160.245

 55, 8.203, 160.245

 45, 8.203, 160.245

 35, 8.203, 160.245

 25, 8.203, 160.245

 15, 8.203, 160.245

 5, 8.203, 160.245

95, 8.203, 160.245

95, 8.203, 160.245

93, 19.399,
159.334

97, 2.958, 340.817

98, 6.236, 324.609

91, 30.487,
158.340

90, 41.304,
157.220

89, 51.659,
155.947

88, 61.356,
154.495

87, 70.210,
152.842

86, 78.079,
150.976

86, 84.895,
148.903

■ 85, 90.695,
146.670

Harmonies

Complementary

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



95, 8.203, 160.245



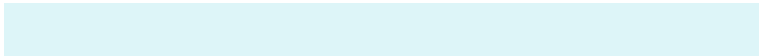
92, 8.276, 341.298

Rectangle

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



95, 8.203, 160.245



95, 8.203, 210.245



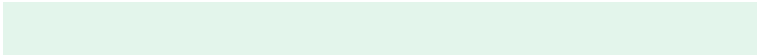
95, 8.203, 340.245



95, 8.203, 30.245

Sweetspot

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



95, 8.205, 160.240



100, 2.296, 160.817



96, 9.641, 126.371



53, 1.305, 160.835



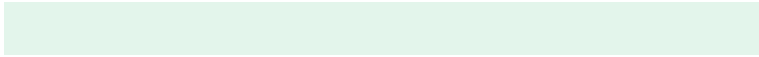
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

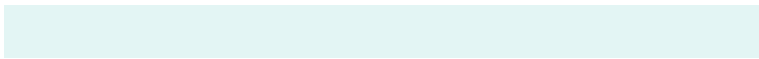
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.205, 160.240



98, 10.386, 160.091



95, 6.276, 193.453



50, 6.346, 160.049



66, 74.296, 146.506



21, 30.686, 150.043

Inverse Universe

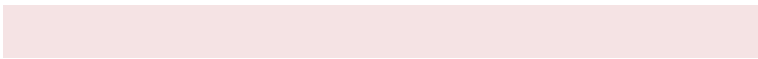
The Inverse Universe completely reimagines the original color for something new.



92, 8.276, 341.298



94, 10.488, 341.445



92, 6.538, 14.348



48, 6.410, 341.486



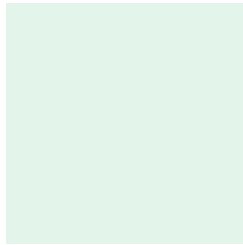
40, 67.810, 356.844



9, 30.873, 351.687

Previews

White Background



This preview shows how the CIE LCh color 95, 8.203, 160.245 looks on a white background.

Color Contrast Check

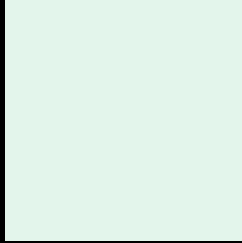
Large Text (above 18pt) WCAG AA × Fail

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, 8.203, 160.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

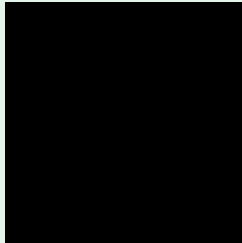
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

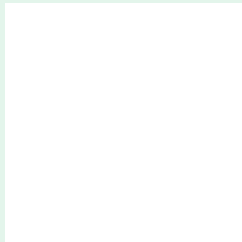
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.203, 160.245

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.203, 160.245.

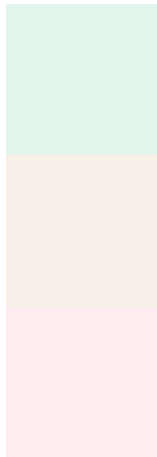


This preview shows how white text looks on a background with the CIELCh color 95, 8.203, 160.245.

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

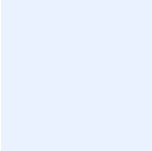
95, 8.203, 160.245

Protanopia

95, 4.575, 70.910

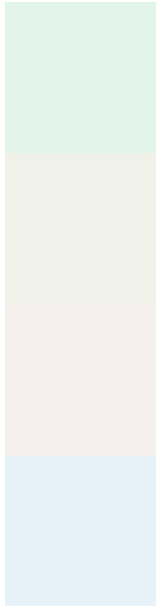
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 7.540, 272.239

Trichromacy



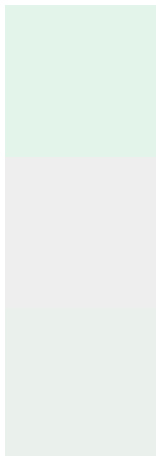
Original Color
95, 8.203, 160.245

Protanomaly
95, 4.110, 114.824

Deuteranomaly
95, 2.187, 32.796

Tritanomaly
95, 4.847, 238.890

Monochromacy



Original Color
95, 8.203, 160.245

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.227, 159.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.203, 160.245 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(227, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 235)  
}
```

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(227, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.203, 160.245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

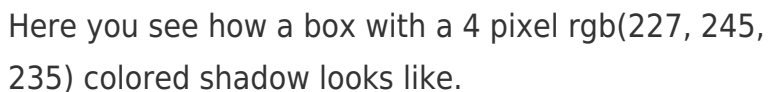
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 245, 235) }
```

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

```
.border{ border-color:rgb(227, 245, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.203, 160.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 235) }
```

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

```
.background{ background-color: rgb(227,  
245, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor