

Converting Colors

CIELCh(95, 5.080, 194.605)

Have a look what the booklet for
CIELCh(95, 5.080, 194.605) contains.

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Color

CIELCh(95, 5.246, 193.558)

Conversions

Conversions Part 1

Format	Color
Hex	E5F4F3
RGB	229, 244, 243
RGB Percent	90%, 96%, 95%
CMY	0.1030, 0.0441, 0.0481
CMYK	0.06, 0.00, 0.00, 0.04
HSL	176°, 40%, 93%
HSV	176°, 6%, 96%
XYZ	80.6439, 87.6183, 97.2525
YIQ	239.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

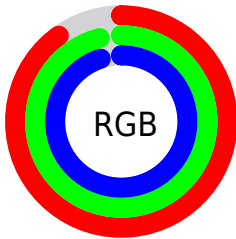
Format	Color
R _Y B	229, 237, 244
Decimal	15070451
CIE Lab	95.00, -5.10, -1.23
CIE LCh	95, 5.246, 193.558
Yxy	87.6183, 0.3037, 0.3300
Android (android.graphics.Color)	4293260531 (0xFFE5F4F3)
YUV	239.4010, 1.7743, -9.1217
Hunter-Lab	93.6047, -10.0238, 3.9227

Details

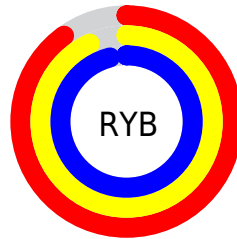
The CIELCh color `95, 5.246, 193.558` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 5.431, 14.213`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.134, 193.056` is the 20% darker color. If you saturate the color by 10%, you get `93, 13.467, 192.756`, and if you desaturate by 10%, it is `97, 3.340, 13.943`.

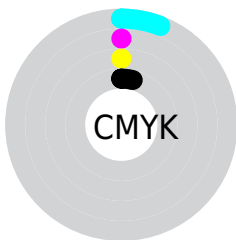
Distribution



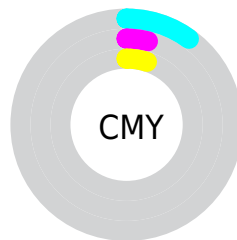
- Red (90%)
- Green (96%)
- Blue (95%)



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



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



- Cyan (10%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.246, 193.558 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, 5.246, 193.558 by changing the saturation by 10% instead.

95, 5.246, 193.558

95, 5.246, 193.558

100, 5.246,
193.558

85, 5.246, 193.558

75, 5.246, 193.558

65, 5.246, 193.558

55, 5.246, 193.558

45, 5.246, 193.558

35, 5.246, 193.558

25, 5.246, 193.558

15, 5.246, 193.558

5, 5.246, 193.558

95, 5.246, 193.558

95, 5.246, 193.558

93, 13.467,
192.756

97, 3.340, 13.943

92, 21.185,
192.036

97, 4.159, 3.458

91, 28.258,
191.329

97, 4.463, 353.164

90, 34.541,
190.628

97, 5.416, 337.262

89, 39.905,
189.923

97, 6.012, 331.443

88, 44.253,
189.205

97, 7.008, 324.641

88, 47.535,
188.460

87, 49.769,
187.673

■ 87, 51.056,
186.829

Harmonies

Complementary

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



95, 5.246, 193.558



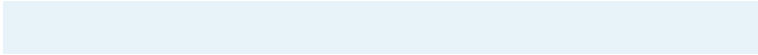
92, 5.431, 14.213

Rectangle

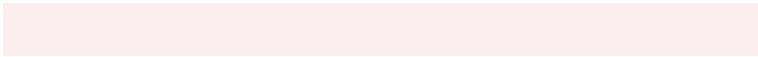
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



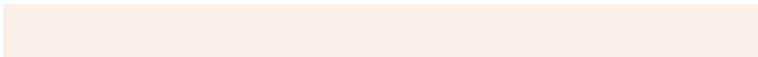
95, 5.246, 193.558



95, 5.246, 243.558



95, 5.246, 13.558



95, 5.246, 63.558

Sweetspot

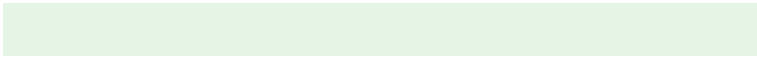
The Sweet Spot groups the original color and five complimentary colors.



95, 5.247, 193.538



100, 1.781, 194.079



95, 9.163, 141.892



53, 1.013, 194.105



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

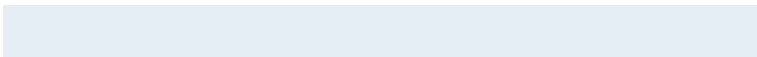
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.247, 193.538



99, 6.180, 193.462



93, 4.390, 246.706



51, 3.879, 193.414



68, 41.938, 186.650



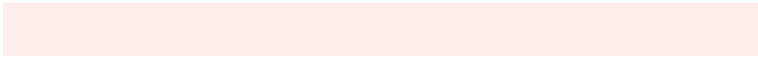
21, 18.482, 187.872

Inverse Universe

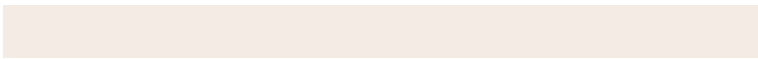
The Inverse Universe completely reimagines the original color for something new.



92, 5.431, 14.213



95, 6.426, 14.298



94, 4.481, 65.130



48, 4.046, 14.353



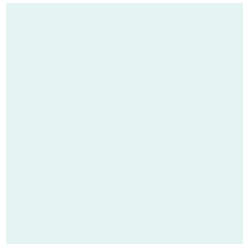
39, 79.763, 37.395



8, 30.616, 22.318

Previews

White Background



This preview shows how the CIELCh color 95, 5.246, 193.558 looks on a white background.

Color Contrast Check

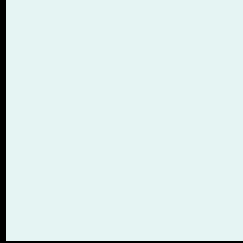
Large Text (above 18pt) WCAG AA × Fail

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, 5.246, 193.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

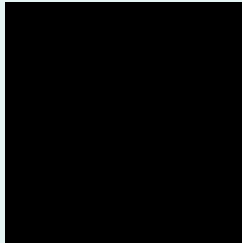
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

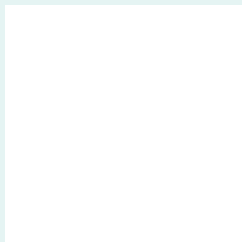
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.246, 193.558

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.246, 193.558.

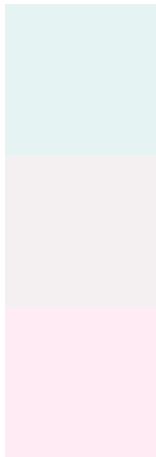


This preview shows how white text looks on a background with the CIELCh color 95, 5.246, 193.558.

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](#).

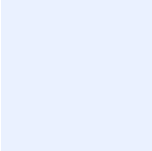
Dichromacy



Original Color
95, 5.246, 193.558

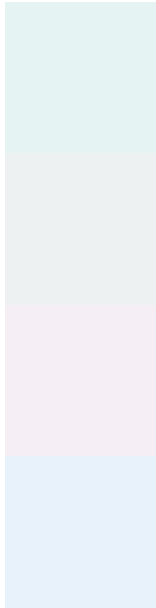
Protanopia
95, 1.853, 3.116

Deuteranopia
95, 8.502, 347.064



Tritanopia
95, 7.540, 272.239

Trichromacy



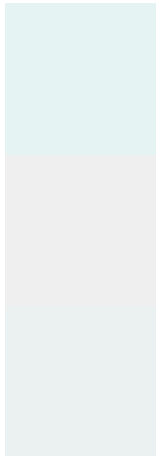
Original Color
95, 5.246, 193.558

Protanomaly
95, 1.054, 199.938

Deuteranomaly
95, 3.978, 328.696

Tritanomaly
95, 5.710, 253.548

Monochromacy



Original Color
95, 5.246, 193.558

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.173, 185.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.246, 193.558 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(229, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(229, 244, 243)  
}
```

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(229, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 244, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.246, 193.558 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(229, 244, 243) }
```

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

```
.border{ border-color:rgb(229, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(229, 244,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.246, 193.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 244, 243) }
```

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

```
.background{ background-color: rgb(229,  
244, 243) }
```

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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