

Converting Colors

CIELCh(95, 6.822, 193.227)

Have a look what the booklet for
CIELCh(95, 6.822, 193.227) contains.

CIELCh(95, 7.016, 190.604)	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, 7.016, 190.604)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5F3
RGB	225, 245, 243
RGB Percent	88%, 96%, 95%
CMY	0.1184, 0.0400, 0.0478
CMYK	0.08, 0.00, 0.01, 0.04
HSL	174°, 50%, 92%
HSV	174°, 8%, 96%
XYZ	79.7292, 87.6183, 97.3453
YIQ	238.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

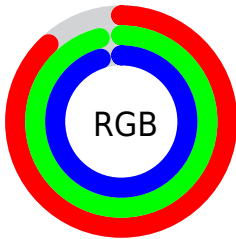
Format	Color
R _Y B	225, 236, 245
Decimal	14808563
CIE Lab	95.00, -6.90, -1.29
CIE LCh	95, 7.016, 190.604
Yxy	87.6183, 0.3012, 0.3310
Android (android.graphics.Color)	4292998643 (0xFFE1F5F3)
YUV	238.7920, 2.0745, -12.0956
Hunter-Lab	93.6047, -11.7681, 3.8639

Details

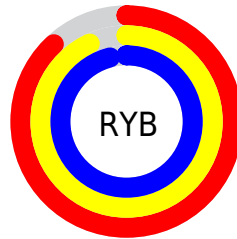
The CIELCh color **95, 7.016, 190.604** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 7.320, 11.733**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.986, 190.018** is the 20% darker color. If you saturate the color by 10%, you get **93, 15.276, 189.759**, and if you desaturate by 10%, it is **97, 1.602, 10.885**.

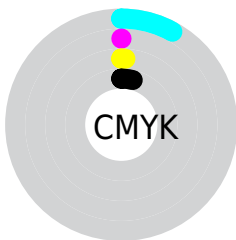
Distribution



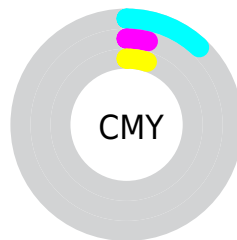
- Red (88%)
- Green (96%)
- Blue (95%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 7.016, 190.604 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, 7.016, 190.604 by changing the saturation by 10% instead.


 95, 7.016, 190.604


 95, 7.016, 190.604

 100, 7.016,
190.604


 85, 7.016, 190.604


 75, 7.016, 190.604


 65, 7.016, 190.604

 55, 7.016, 190.604

 45, 7.016, 190.604

 35, 7.016, 190.604

 25, 7.016, 190.604

 15, 7.016, 190.604

 5, 7.016, 190.604

95, 7.016, 190.604

95, 7.016, 190.604

93, 15.276,
189.759

97, 1.602, 10.885

92, 23.035,
188.950

97, 3.909, 357.265

91, 30.150,
188.131

97, 4.537, 342.543

90, 36.473,
187.291

97, 6.349, 324.614

89, 41.876,
186.417

88, 46.261,
185.492

88, 49.586,
184.500

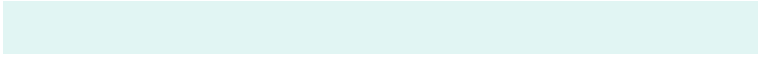
87, 51.878,
183.420

 87, 53.275,
182.244

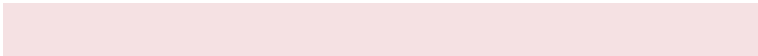
Harmonies

Complementary

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



95, 7.016, 190.604



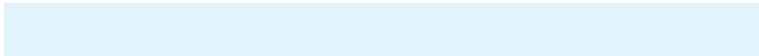
91, 7.320, 11.733

Rectangle

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



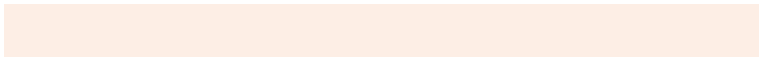
95, 7.016, 190.604



95, 7.016, 240.604



95, 7.016, 10.604



95, 7.016, 60.604

Sweetspot

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



95, 7.018, 190.590



100, 1.793, 191.338



95, 12.095, 140.852



53, 1.019, 191.364



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

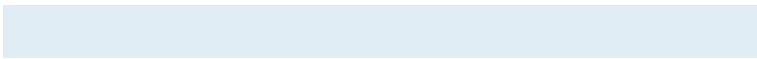
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.018, 190.590



98, 8.848, 190.429



93, 5.751, 242.825



50, 4.870, 190.475



68, 43.464, 182.244



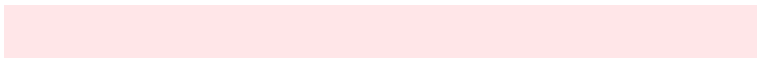
21, 19.044, 183.961

Inverse Universe

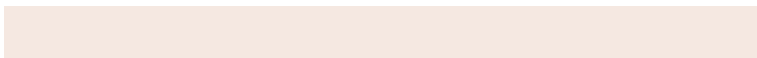
The Inverse Universe completely reimagines the original color for something new.



91, 7.320, 11.733



93, 9.319, 11.918



93, 5.949, 60.986



48, 5.115, 11.864



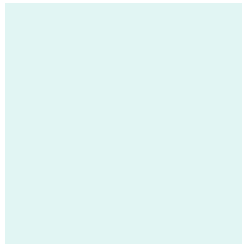
39, 78.297, 35.860



8, 30.437, 20.955

Previews

White Background



This preview shows how the CIE LCh color 95, 7.016, 190.604 looks on a white background.

Color Contrast Check

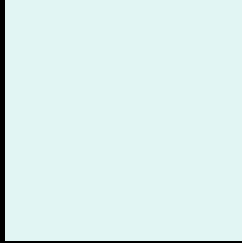
Large Text (above 18pt) WCAG AA × Fail

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, 7.016, 190.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

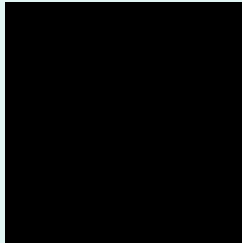
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

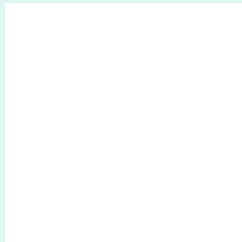
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.016, 190.604

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.016, 190.604.

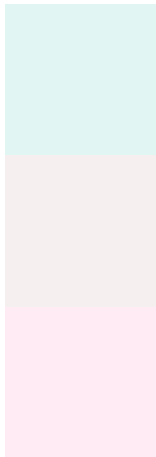


This preview shows how white text looks on a background with the CIELCh color 95, 7.016, 190.604.

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](#).

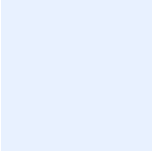
Dichromacy



Original Color
95, 7.016, 190.604

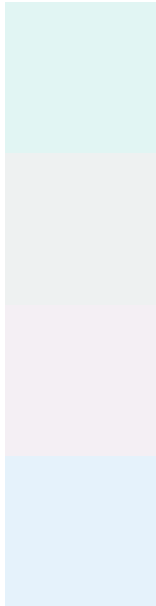
Protanopia
95, 2.197, 5.766

Deuteranopia
95, 8.502, 347.064



Tritanopia
95, 7.768, 267.461

Trichromacy



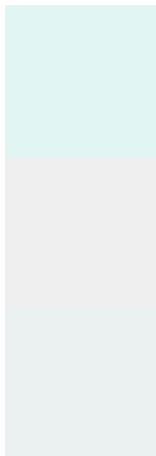
Original Color
95, 7.016, 190.604

Protanomaly
95, 1.054, 199.938

Deuteranomaly
95, 3.139, 324.460

Tritanomaly
95, 6.357, 246.071

Monochromacy



Original Color
95, 7.016, 190.604

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.514, 187.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.016, 190.604 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 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(225, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.016, 190.604 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, 243) }
```

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

```
.border{ border-color:rgb(225, 245, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.016, 190.604 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, 243) }
```

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

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