

Converting Colors

CIELCh(95, 6.899, 203.332)

Have a look what the booklet for
CIELCh(95, 6.899, 203.332) contains.

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Color

CIELCh(95, 6.895, 203.334)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5F6
RGB	225, 245, 246
RGB Percent	88%, 96%, 96%
CMY	0.1193, 0.0408, 0.0369
CMYK	0.09, 0.00, 0.00, 0.04
HSL	183°, 53%, 92%
HSV	183°, 9%, 96%
XYZ	80.0162, 87.6183, 99.5443
YIQ	239.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

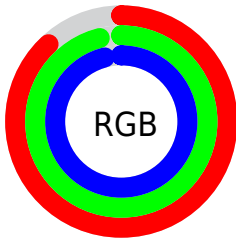
Format	Color
R _Y B	225, 235, 246
Decimal	14808566
CIE Lab	95.00, -6.33, -2.73
CIE LCh	95, 6.895, 203.334
Yxy	87.6183, 0.2995, 0.3279
Android (android.graphics.Color)	4292998646 (0xFFE1F5F6)
YUV	239.1340, 3.3849, -12.3955
Hunter-Lab	93.6047, -11.2208, 2.4711

Details

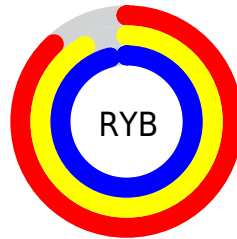
The CIELCh color **95, 6.895, 203.334** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.287, 23.867**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.844, 203.481** is the 20% darker color. If you saturate the color by 10%, you get **93, 14.536, 202.938**, and if you desaturate by 10%, it is **97, 1.199, 23.071**.

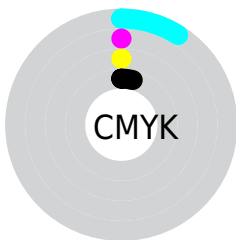
Distribution



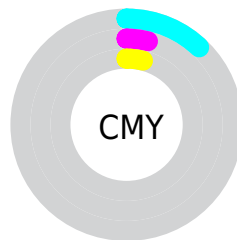
- Red (88%)
- Green (96%)
- Blue (96%)



- Red (88%)
- Yellow (92%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.895, 203.334 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, 6.895, 203.334 by changing the saturation by 10% instead.

 95, 6.895, 203.334

 95, 6.895, 203.334

 100, 6.895,
203.334

 85, 6.895, 203.334

 75, 6.895, 203.334

 65, 6.895, 203.334

 55, 6.895, 203.334

 45, 6.895, 203.334

 35, 6.895, 203.334

 25, 6.895, 203.334

 15, 6.895, 203.334

 5, 6.895, 203.334

95, 6.895, 203.334

95, 6.895, 203.334

93, 14.536,
202.938

97, 1.199, 23.071

91, 21.592,
202.666

98, 2.935, 32.740

98, 2.746, 46.869

90, 27.928,
202.492

98, 2.742, 62.002

89, 33.410,
202.428

99, 2.923, 76.185

99, 3.258, 88.072

88, 37.925,
202.488

99, 3.705, 97.413

87, 41.392,
202.691

99, 4.228, 104.585

86, 43.785,
203.051

100, 4.766,
109.806

85, 45.145,
203.579

■ 85, 45.626,
204.273

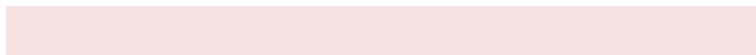
Harmonies

Complementary

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



95, 6.895, 203.334



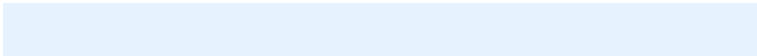
91, 7.287, 23.867

Rectangle

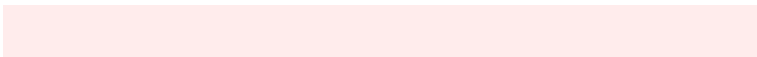
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



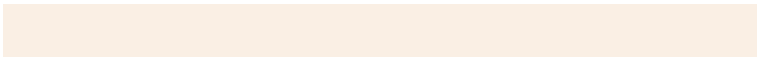
95, 6.895, 203.334



95, 6.895, 253.334



95, 6.895, 23.334



95, 6.895, 73.334

Sweetspot

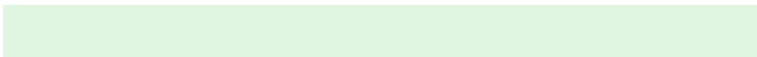
The Sweet Spot groups the original color and five complimentary colors.



95, 6.896, 203.317



99, 2.529, 203.696



95, 12.884, 144.857



53, 1.913, 203.610



0, 0.000, 0.000



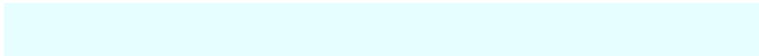
53, 0.007, 296.813

Same Dimension

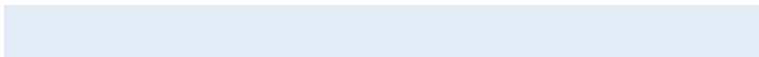
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.896, 203.317



98, 8.284, 203.251



92, 6.641, 260.135



50, 4.561, 203.275



66, 37.127, 204.234



21, 16.634, 203.132

Inverse Universe

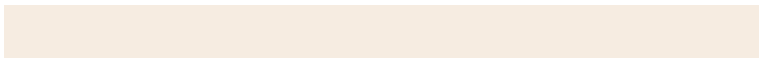
The Inverse Universe completely reimagines the original color for something new.



92, 12.783, 326.193



94, 15.428, 326.280



94, 6.741, 77.810



48, 8.480, 326.249



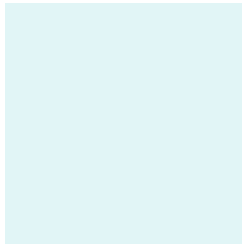
44, 87.895, 330.214



11, 39.272, 329.940

Previews

White Background



This preview shows how the CIELCh color 95, 6.895, 203.334 looks on a white background.

Color Contrast Check

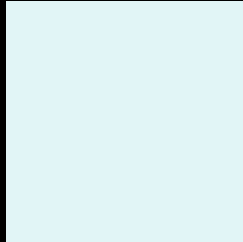
Large Text (above 18pt) WCAG AA × Fail

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, 6.895, 203.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

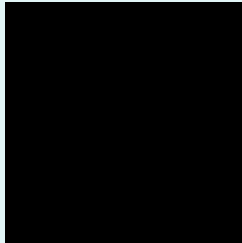
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

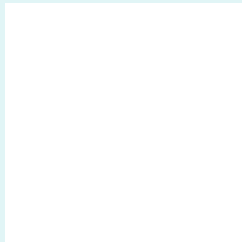
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.895, 203.334

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.895, 203.334.



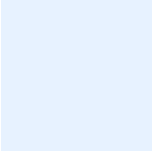
This preview shows how white text looks on a background with the CIELCh color 95, 6.895, 203.334.

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](#).

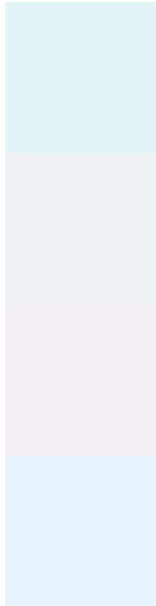
Dichromacy





Tritanopia
95, 7.592, 261.110

Trichromacy



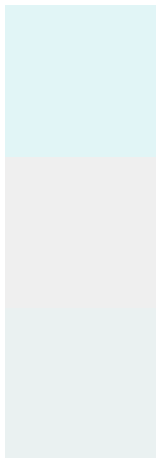
Original Color
95, 6.895, 203.334

Protanomaly
95, 1.729, 236.225

Deuteranomaly
95, 4.651, 317.384

Tritanomaly
95, 6.587, 243.920

Monochromacy



Original Color
95, 6.895, 203.334

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.451, 199.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.895, 203.334 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.895, 203.334 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, 246) }
```

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

```
.border{ border-color:rgb(225, 245, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.895, 203.334 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, 246) }
```

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

```
.background{ background-color: rgb(225,  
245, 246) }
```

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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