

Converting Colors

CIELCh(95, 7.959, 236.798)

Have a look what the booklet for
CIELCh(95, 7.959, 236.798) contains.

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Color

CIELCh(95, 7.859, 235.251)

Conversions

Conversions Part 1

Format	Color
Hex	E1F4FD
RGB	225, 244, 253
RGB Percent	88%, 96%, 99%
CMY	0.1185, 0.0440, 0.0087
CMYK	0.11, 0.04, 0.00, 0.01
HSL	199°, 86%, 94%
HSV	199°, 11%, 99%
XYZ	80.9613, 87.6183, 105.3879
YIQ	239.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

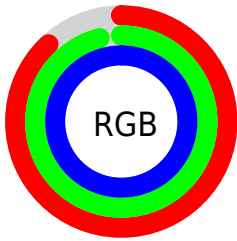
Format	Color
RYB	225, 236, 253
Decimal	14808317
CIELab	95.00, -4.48, -6.46
CIELCh	95, 7.859, 235.251
Yxy	87.6183, 0.2955, 0.3198
Android (android.graphics.Color)	4292998397 (0xFFE1F4FD)
YUV	239.3450, 6.7319, -12.5806
Hunter-Lab	93.6047, -9.4184, -1.2303

Details

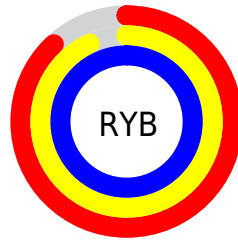
The CIELCh color `95, 7.859, 235.251` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.328, 53.309`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.620, 233.660` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.627, 236.306`, and if you desaturate by 10%, it is `99, 0.782, 235.035`.

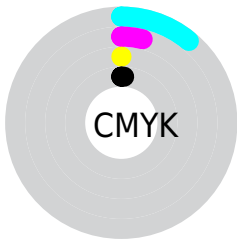
Distribution



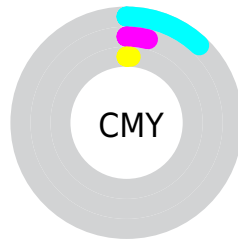
- Red (88%)
- Green (96%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.859, 235.251 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, 7.859, 235.251 by changing the saturation by 10% instead.

 95, 7.859, 235.251

 95, 7.859, 235.251

 100, 7.859,
235.251

 85, 7.859, 235.251

 75, 7.859, 235.251

 65, 7.859, 235.251

 55, 7.859, 235.251

 45, 7.859, 235.251

 35, 7.859, 235.251

 25, 7.859, 235.251

 15, 7.859, 235.251

 5, 7.859, 235.251

95, 7.859, 235.251

95, 7.859, 235.251

91, 14.627,
236.306

99, 0.782, 235.035

88, 21.009,
237.686

100, 1.115,
110.025

84, 26.924,
239.433

81, 32.297,
241.627

78, 37.077,
244.361

75, 41.260,
247.721

72, 44.904,
251.765

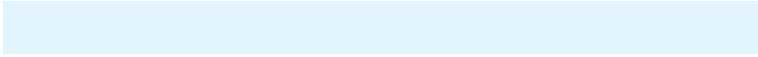
69, 48.155,
256.480

■ 67, 50.941,
261.070

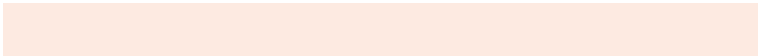
Harmonies

Complementary

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



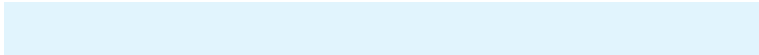
95, 7.859, 235.251



94, 8.328, 53.309

Rectangle

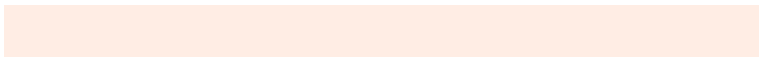
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.859, 235.251



95, 7.859, 285.251



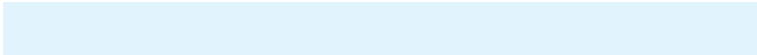
95, 7.859, 55.251



95, 7.859, 105.251

Sweetspot

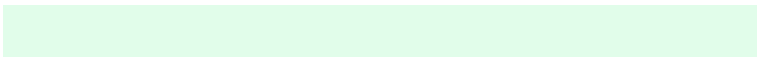
The Sweet Spot groups the original color and five complimentary colors.



95, 7.859, 235.235



99, 2.180, 234.707



97, 13.963, 154.190



53, 1.649, 234.716



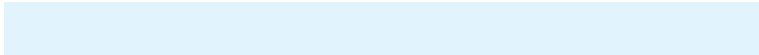
0, 0.000, 0.000



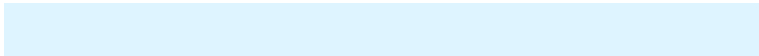
53, 0.007, 296.813

Same Dimension

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



95, 7.859, 235.235



95, 9.253, 235.418



92, 11.940, 282.738



51, 4.076, 235.096



51, 40.911, 260.119



16, 17.693, 252.945

Inverse Universe

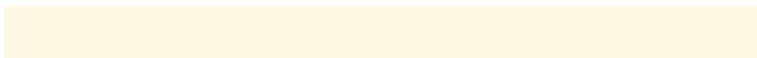
The Inverse Universe completely reimagines the original color for something new.



92, 14.001, 335.914



92, 16.575, 336.060



97, 11.770, 100.120



50, 7.229, 335.795



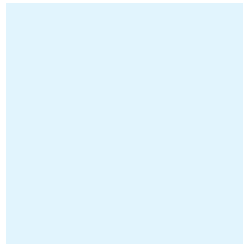
42, 73.340, 346.544



11, 34.576, 343.674

Previews

White Background



This preview shows how the CIELCh color 95, 7.859, 235.251 looks on a white background.

Color Contrast Check

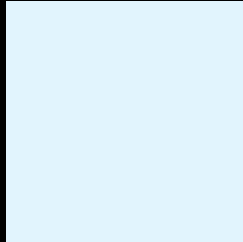
Large Text (above 18pt) WCAG AA × Fail

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, 7.859, 235.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

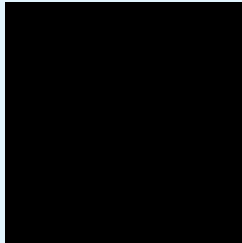
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

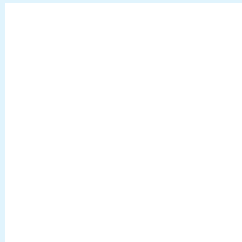
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.859, 235.251

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.859, 235.251.



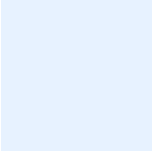
This preview shows how white text looks on a background with the CIELCh color 95, 7.859, 235.251.

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](#).

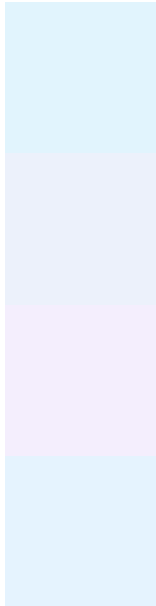
Dichromacy





Tritanopia
95, 7.592, 261.110

Trichromacy



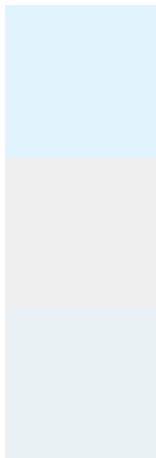
Original Color
95, 7.859, 235.251

Protanomaly
95, 5.395, 271.944

Deuteranomaly
95, 8.022, 305.785

Tritanomaly
95, 7.317, 249.928

Monochromacy



Original Color
95, 7.859, 235.251

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.868, 232.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.859, 235.251 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, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 253)  
}
```

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, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.859, 235.251 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, 244, 253) }
```

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

```
.border{ border-color:rgb(225, 244, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 244, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.859, 235.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 253) }
```

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

```
.background{ background-color: rgb(225,  
244, 253) }
```

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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