

Converting Colors

CIELCh(94, 7.992, 180.082)

Have a look what the booklet for
CIELCh(94, 7.992, 180.082) contains.

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Color

CIELCh(94, 7.797, 179.670)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | DDF2ED |
| RGB | 221, 242, 237 |
| RGB Percent | 87%, 95%, 93% |
| CMY | 0.1320, 0.0496, 0.0692 |
| CMYK | 0.09, 0.00, 0.02, 0.05 |
| HSL | 166°, 45%, 91% |
| HSV | 166°, 9%, 95% |
| XYZ | 77.1151, 85.2715, 92.7803 |
| YIQ | 235.1510, -10.9110, -6.0070 |

Conversions

Conversions Part 2

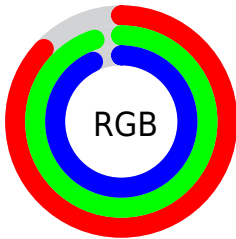
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 221, 233, 242 |
| Decimal | 14545645 |
| CIE Lab | 94.00, -7.80, 0.04 |
| CIE LCh | 94, 7.797, 179.670 |
| Yxy | 85.2715, 0.3022, 0.3342 |
| Android (android.graphics.Color) | 4292735725 (0xFFDDDF2ED) |
| YUV | 235.1510, 0.9116, -12.4104 |
| Hunter-Lab | 92.3426, -12.5346, 5.0688 |

Details

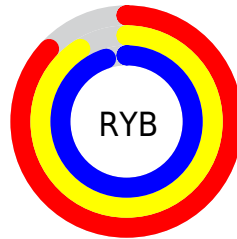
The CIELCh color **94, 7.797, 179.670** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.043, 1.136**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.835, 178.599** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.583, 178.657**, and if you desaturate by 10%, it is **96, 1.214, 0.022**.

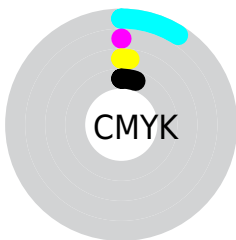
Distribution



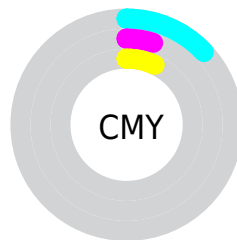
- Red (87%)
- Green (95%)
- Blue (93%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.797, 179.670 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 94, 7.797, 179.670 by changing the saturation by 10% instead.

94, 7.797, 179.670

94, 7.797, 179.670

100, 7.797,
179.670

84, 7.797, 179.670

74, 7.797, 179.670

64, 7.797, 179.670

54, 7.797, 179.670

44, 7.797, 179.670

34, 7.797, 179.670

24, 7.797, 179.670

14, 7.797, 179.670

4, 7.797, 179.670

94, 7.797, 179.670

94, 7.797, 179.670

92, 16.583,
178.657

96, 1.214, 0.022

91, 25.003,
177.617

97, 5.604, 343.049

97, 7.741, 325.381

90, 32.911,
176.504

97, 7.880, 324.677

88, 40.152,
175.296

87, 46.580,
173.969

87, 52.081,
172.498

86, 56.591,
170.859

86, 60.123,
169.035

■ 86, 62.818,
167.039

Harmonies

Complementary

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



94, 7.797, 179.670



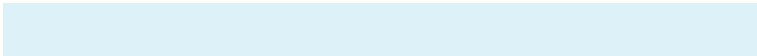
90, 8.043, 1.136

Rectangle

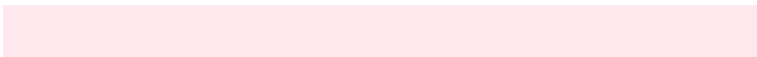
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



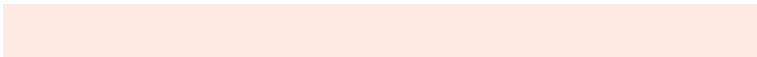
94, 7.797, 179.670



94, 7.797, 229.670



94, 7.797, 359.670



94, 7.797, 49.670

Sweetspot

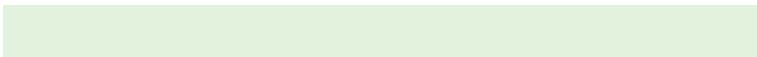
The Sweet Spot groups the original color and five complimentary colors.



94, 7.799, 179.660



99, 2.824, 180.319



94, 12.225, 136.928



53, 2.140, 180.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 7.799, 179.660



98, 9.362, 179.522



93, 6.027, 225.969



50, 5.150, 179.576



67, 51.549, 167.136



21, 22.013, 170.156

Inverse Universe

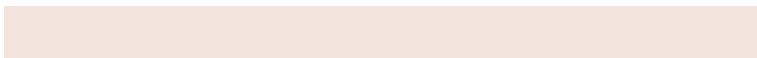
The Inverse Universe completely reimagines the original color for something new.



90, 8.043, 1.136



93, 9.701, 1.285



91, 6.341, 44.950



48, 5.327, 1.226



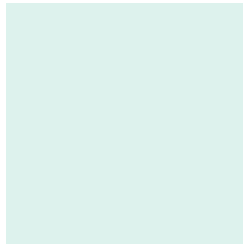
39, 71.621, 26.479



9, 29.856, 14.813

Previews

White Background



This preview shows how the CIELCh color 94, 7.797, 179.670 looks on a white background.

Color Contrast Check

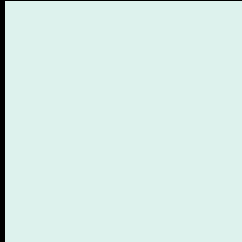
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 7.797, 179.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

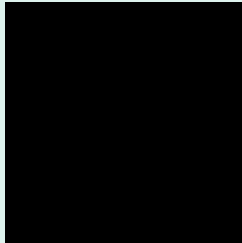
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

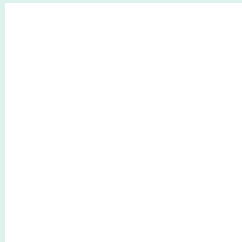
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.797, 179.670

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.797, 179.670.



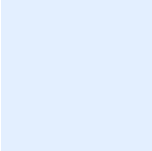
This preview shows how white text looks on a background with the CIELCh color 94, 7.797, 179.670.

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](#).

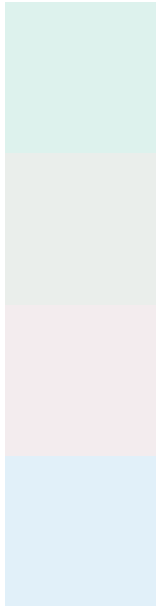
Dichromacy





Tritanopia
94, 9.111, 264.281

Trichromacy



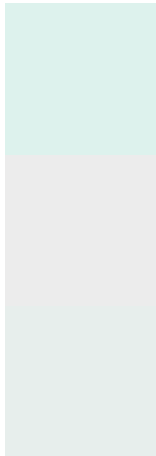
Original Color
94, 7.797, 179.670

Protanomaly
94, 2.100, 152.406

Deuteranomaly
94, 2.705, 357.018

Tritanomaly
94, 6.845, 241.938

Monochromacy



Original Color
94, 7.797, 179.670

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.682, 176.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.797, 179.670 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(221, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 242, 237)  
}
```

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(221, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 242, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.797, 179.670 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(221, 242, 237) }
```

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

```
.border{ border-color:rgb(221, 242, 237) }
```

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

Here you see how a box with a 4 pixel rgb(221, 242, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 242,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.797, 179.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 242, 237) }
```

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

```
.background{ background-color: rgb(221,  
242, 237) }
```

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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