

Converting Colors

CIE LCh(94, 7.175, 176.693)

Have a look what the booklet for
CIELCh(94, 7.175, 176.693) contains.

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Color

CIELCh(94, 7.153, 177.920)

Conversions

Conversions Part 1

Format	Color
Hex	DFF2ED
RGB	223, 242, 237
RGB Percent	87%, 95%, 93%
CMY	0.1256, 0.0511, 0.0708
CMYK	0.08, 0.00, 0.02, 0.05
HSL	164°, 42%, 91%
HSV	164°, 8%, 95%
XYZ	77.4373, 85.2715, 92.4654
YIQ	235.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

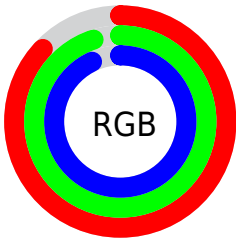
Format	Color
R _Y B	223, 234, 242
Decimal	14676717
CIE Lab	94.00, -7.15, 0.26
CIE LCh	94, 7.153, 177.920
Yxy	85.2715, 0.3035, 0.3342
Android (android.graphics.Color)	4292866797 (0xFFDFF2ED)
YUV	235.7490, 0.6167, -11.1809
Hunter-Lab	92.3426, -11.9118, 5.2709

Details

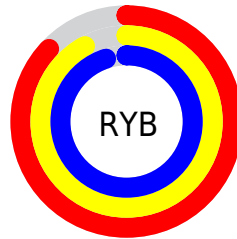
The CIELCh color **94, 7.153, 177.920** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 7.344, 359.225**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.168, 176.699** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.090, 176.894**, and if you desaturate by 10%, it is **96, 1.976, 358.457**.

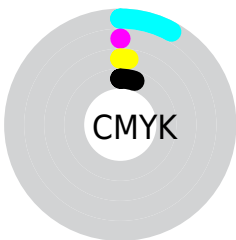
Distribution



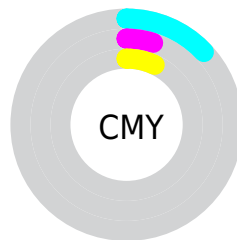
- Red (87%)
- Green (95%)
- Blue (93%)



- Red (87%)
- Yellow (92%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.153, 177.920 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, 7.153, 177.920 by changing the saturation by 10% instead.

94, 7.153, 177.920

94, 7.153, 177.920

100, 7.153,
177.920

84, 7.153, 177.920

74, 7.153, 177.920

64, 7.153, 177.920

54, 7.153, 177.920

44, 7.153, 177.920

34, 7.153, 177.920

24, 7.153, 177.920

14, 7.153, 177.920

4, 7.153, 177.920

94, 7.153, 177.920

94, 7.153, 177.920

92, 16.090,
176.894

96, 1.976, 358.457

91, 24.699,
175.841

97, 6.095, 339.250

97, 8.124, 324.686

89, 32.831,
174.709

88, 40.330,
173.475

87, 47.048,
172.114

87, 52.861,
170.601

86, 57.699,
168.912

86, 61.564,
167.030

■ 85, 64.569,
164.964

Harmonies

Complementary

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



94, 7.153, 177.920



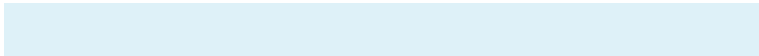
90, 7.344, 359.225

Rectangle

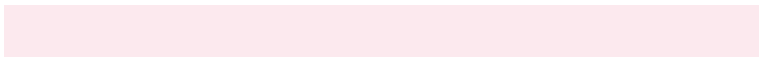
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



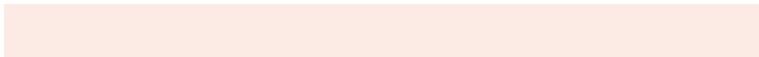
94, 7.153, 177.920



94, 7.153, 227.920



94, 7.153, 357.920



94, 7.153, 47.920

Sweetspot

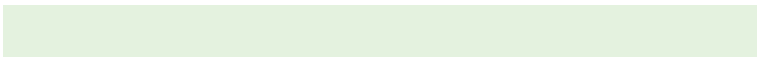
The Sweet Spot groups the original color and five complimentary colors.



94, 7.155, 177.909



100, 1.906, 178.680



94, 11.002, 136.456



53, 1.083, 178.705



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, 7.155, 177.909



98, 8.547, 177.789



93, 5.494, 223.862



49, 5.130, 177.743



66, 52.671, 164.915



20, 21.941, 168.235

Inverse Universe

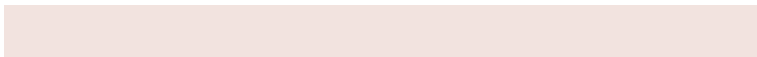
The Inverse Universe completely reimagines the original color for something new.



90, 7.344, 359.225



94, 8.805, 359.353



91, 5.757, 43.025



47, 5.292, 359.402



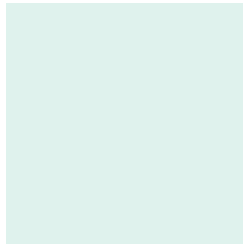
38, 69.827, 24.317



8, 28.842, 12.410

Previews

White Background



This preview shows how the CIELCh color 94, 7.153, 177.920 looks on a white background.

Color Contrast Check

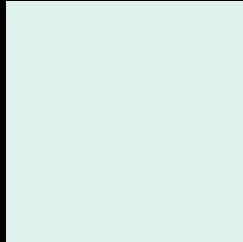
Large Text (above 18pt) WCAG AA × Fail

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, 7.153, 177.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

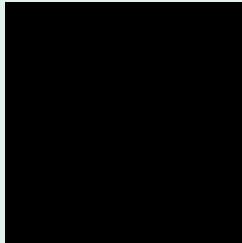
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

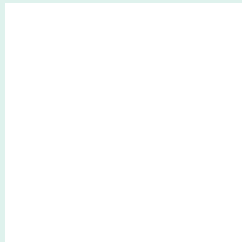
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.153, 177.920

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.153, 177.920.

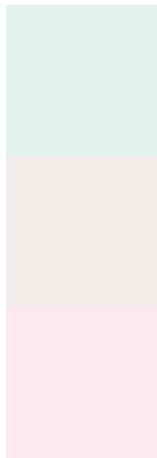


This preview shows how white text looks on a background with the CIELCh color 94, 7.153, 177.920.

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

94, 7.153, 177.920

Protanopia

94, 2.363, 45.014

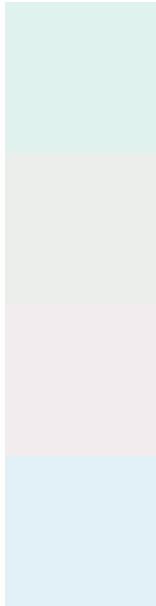
Deuteranopia

94, 8.999, 356.460



Tritanopia
94, 8.973, 266.220

Trichromacy



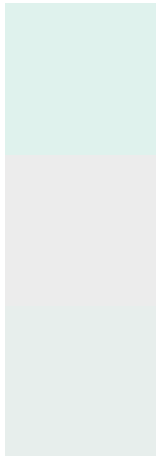
Original Color
94, 7.153, 177.920

Protanomaly
94, 1.875, 144.529

Deuteranomaly
94, 2.705, 357.018

Tritanomaly
94, 6.266, 240.426

Monochromacy



Original Color
94, 7.153, 177.920

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, 7.153, 177.920 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(223, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 242, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.153, 177.920 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(223, 242, 237) }
```

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

```
.border{ border-color:rgb(223, 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(223, 242, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 242,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.153, 177.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 242, 237) }
```

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

```
.background{ background-color: rgb(223,  
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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