

Converting Colors

CIELCh(94, 8.212, 170.269)

Have a look what the booklet for
CIELCh(94, 8.212, 170.269) contains.

CIELCh(94, 7.923, 171.899)	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(94, 7.923, 171.899)

Conversions

Conversions Part 1

Format	Color
Hex	DEF2EB
RGB	222, 242, 235
RGB Percent	87%, 95%, 92%
CMY	0.1283, 0.0498, 0.0773
CMYK	0.08, 0.00, 0.03, 0.05
HSL	159°, 44%, 91%
HSV	159°, 8%, 95%
XYZ	77.0917, 85.2715, 91.2161
YIQ	235.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

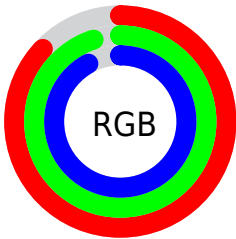
Format	Color
R _Y B	222, 234, 242
Decimal	14611179
CIE Lab	94.00, -7.84, 1.12
CIE LCh	94, 7.923, 171.899
Yxy	85.2715, 0.3040, 0.3363
Android (android.graphics.Color)	4292801259 (0xFFDEF2EB)
YUV	235.2220, -0.1094, -11.5957
Hunter-Lab	92.3426, -12.5797, 6.0731

Details

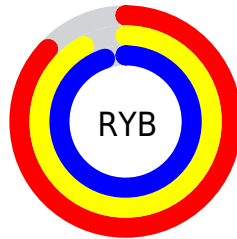
The CIELCh color **94, 7.923, 171.899** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.089, 353.288**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.996, 170.530** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.410, 170.873**, and if you desaturate by 10%, it is **96, 1.684, 352.417**.

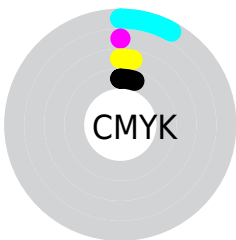
Distribution



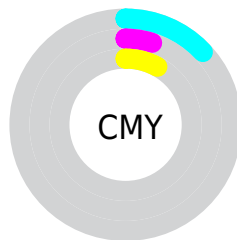
- Red (87%)
- Green (95%)
- Blue (92%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.923, 171.899 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, 7.923, 171.899 by changing the saturation by 10% instead.

94, 7.923, 171.899

94, 7.923, 171.899

100, 7.923,
171.899

84, 7.923, 171.899

74, 7.923, 171.899

64, 7.923, 171.899

54, 7.923, 171.899

44, 7.923, 171.899

34, 7.923, 171.899

24, 7.923, 171.899

14, 7.923, 171.899

4, 7.923, 171.899

94, 7.923, 171.899

94, 7.923, 171.899

92, 17.410,
170.873

96, 1.684, 352.417

91, 26.639,
169.792

97, 6.808, 331.335

97, 7.912, 324.678

89, 35.458,
168.610

88, 43.705,
167.301

87, 51.220,
165.840

86, 57.869,
164.199

86, 63.567,
162.358

85, 68.306,
160.306

■ 85, 72.202,
158.068

Harmonies

Complementary

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



94, 7.923, 171.899



90, 8.089, 353.288

Rectangle

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



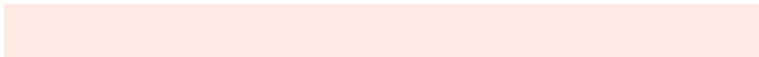
94, 7.923, 171.899



94, 7.923, 221.899



94, 7.923, 351.899



94, 7.923, 41.899

Sweetspot

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



94, 7.925, 171.891



100, 2.000, 172.676



94, 11.265, 133.254



53, 1.137, 172.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

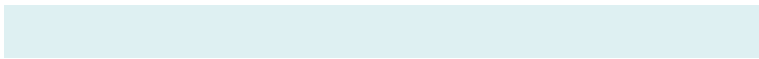
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.925, 171.891



98, 9.995, 171.711



93, 6.121, 212.132



50, 5.497, 171.765



67, 59.352, 158.086



21, 24.918, 161.538

Inverse Universe

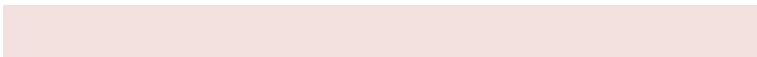
The Inverse Universe completely reimagines the original color for something new.



90, 8.089, 353.288



93, 10.242, 353.476



91, 6.455, 32.052



48, 5.626, 353.419



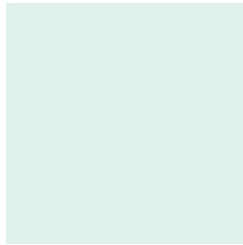
39, 67.820, 16.494



9, 29.615, 7.808

Previews

White Background



This preview shows how the CIELCh color 94, 7.923, 171.899 looks on a white background.

Color Contrast Check

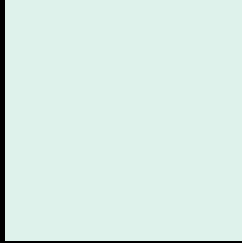
Large Text (above 18pt) WCAG AA × Fail

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, 7.923, 171.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

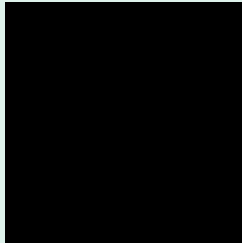
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

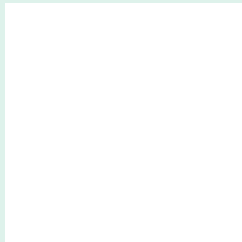
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.923, 171.899

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.923, 171.899.



This preview shows how white text looks on a background with the CIELCh color 94, 7.923, 171.899.

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](#).

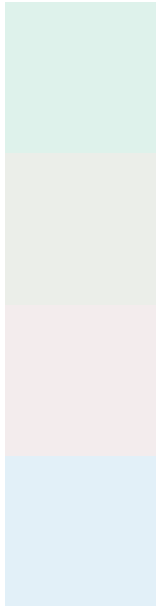
Dichromacy





Tritanopia
94, 8.973, 266.220

Trichromacy



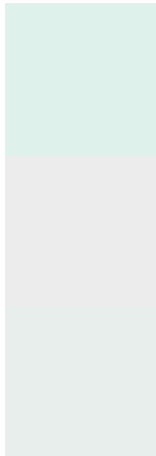
Original Color
94, 7.923, 171.899

Protanomaly
94, 2.785, 132.459

Deuteranomaly
94, 2.550, 7.712

Tritanomaly
94, 6.266, 240.426

Monochromacy



Original Color
94, 7.923, 171.899

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, 7.923, 171.899 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(222, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 242, 235)  
}
```

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(222, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 242, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.923, 171.899 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(222, 242, 235) }
```

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

```
.border{ border-color:rgb(222, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 242,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.923, 171.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 242, 235) }
```

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

```
.background{ background-color: rgb(222,  
242, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor