

Converting Colors

CIELCh(94, 10.791, 153.147)

Have a look what the booklet for
CIELCh(94, 10.791, 153.147)
contains.

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Color

CIELCh(94, 10.782, 153.149)

Conversions

Conversions Part 1

Format	Color
Hex	DEF3E4
RGB	222, 243, 228
RGB Percent	87%, 95%, 89%
CMY	0.1292, 0.0468, 0.1057
CMYK	0.09, 0.00, 0.06, 0.05
HSL	137°, 47%, 91%
HSV	137°, 9%, 95%
XYZ	76.2144, 85.2715, 85.8760
YIQ	235.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

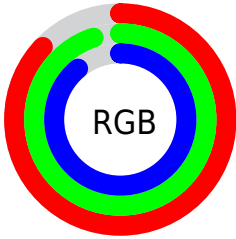
Format	Color
R _Y B	222, 238, 243
Decimal	14611428
CIE Lab	94.00, -9.62, 4.87
CIE LCh	94, 10.782, 153.149
Yxy	85.2715, 0.3081, 0.3447
Android (android.graphics.Color)	4292801508 (0xFFDEF3E4)
YUV	235.0110, -3.4564, -11.4106
Hunter-Lab	92.3426, -14.2756, 9.5018

Details

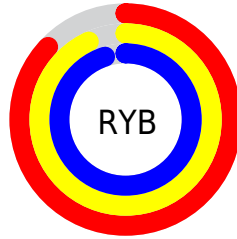
The CIELCh color **94, 10.782, 153.149** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 10.834, 334.262**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.684, 153.565** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.351, 152.337**, and if you desaturate by 10%, it is **96, 1.694, 333.573**.

Distribution



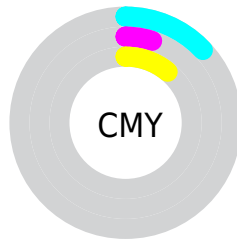
- Red (87%)
- Green (95%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)





- Cyan (13%)
- Magenta (5%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.782, 153.149 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, 10.782, 153.149 by changing the saturation by 10% instead.


 94, 10.782,
153.149


 94, 10.782,
153.149


 100, 10.782,
153.149


 84, 10.782,
153.149

 74, 10.782,
153.149

 64, 10.782,
153.149

 54, 10.782,
153.149

 44, 10.782,
153.149

 34, 10.782,
153.149

 24, 10.782,

153.149

■ 14, 10.782,
153.149

■ 4, 10.782, 153.149

■ 94, 10.782,
153.149

■ 94, 10.782,
153.149

■ 92, 23.351,
152.337

■ 96, 1.694, 333.573

■ 90, 35.853,
151.419

■ 97, 7.442, 324.659

■ 89, 48.096,
150.364

■ 87, 59.855,
149.147

■ 86, 70.882,
147.752

■ 86, 80.931,
146.169

■ 85, 89.786,
144.412

■ 85, 97.288,
142.523

■ 84, 103.380,
140.607

Harmonies

Complementary

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



94, 10.782, 153.149



91, 10.834, 334.262

Rectangle

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



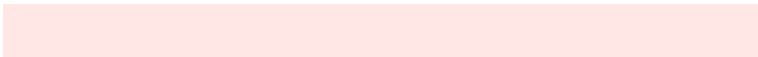
94, 10.782, 153.149



94, 10.782, 203.149



94, 10.782, 333.149



94, 10.782, 23.149

Sweetspot

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



94, 10.784, 153.147



99, 3.873, 153.615



95, 10.971, 120.670



53, 2.939, 153.538



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, 10.784, 153.147



98, 12.985, 153.039



94, 7.710, 181.281



50, 7.137, 153.081



66, 84.565, 140.707



21, 34.993, 143.868

Inverse Universe

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



91, 10.834, 334.262



94, 13.048, 334.363



90, 7.968, 2.733



48, 7.171, 334.324



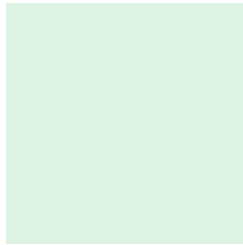
41, 73.540, 343.851



10, 33.547, 341.227

Previews

White Background



This preview shows how the CIELCh color 94, 10.782, 153.149 looks on a white background.

Color Contrast Check

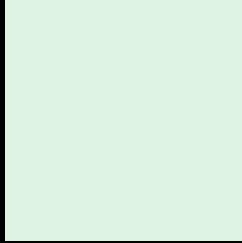
Large Text (above 18pt) WCAG AA × Fail

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 94, 10.782, 153.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

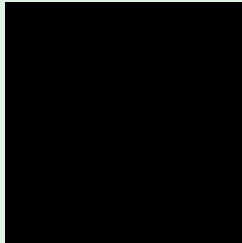
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

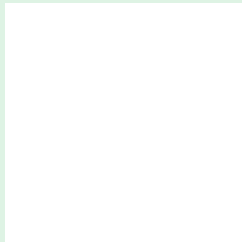
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.782, 153.149

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.782, 153.149.

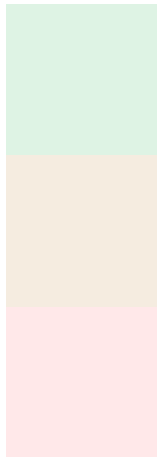


This preview shows how white text looks on a background with the CIELCh color 94, 10.782, 153.149.

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, 10.782, 153.149

Protanopia

94, 6.955, 81.596

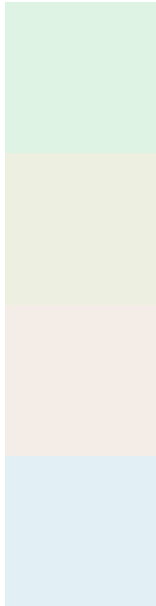
Deuteranopia

94, 8.324, 16.382



Tritanopia
94, 9.327, 269.515

Trichromacy



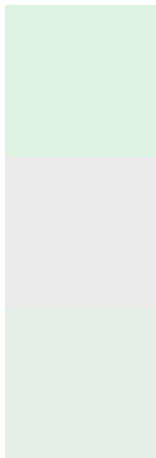
Original Color
94, 10.782, 153.149

Protanomaly
94, 7.219, 115.340

Deuteranomaly
94, 3.572, 65.232

Tritanomaly
94, 5.432, 227.576

Monochromacy



Original Color
94, 10.782, 153.149

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.214, 152.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.782, 153.149 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, 243, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 243, 228)  
}
```

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, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 243, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.782, 153.149 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, 243, 228) }
```

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

```
.border{ border-color:rgb(222, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 243,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.782, 153.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 243, 228) }
```

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

```
.background{ background-color: rgb(222,  
243, 228) }
```

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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