

Converting Colors

CIELCh(94, 10.555, 156.573)

Have a look what the booklet for
CIELCh(94, 10.555, 156.573)
contains.

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Color

CIELCh(94, 10.666, 156.341)

Conversions

Conversions Part 1

Format	Color
Hex	DDF3E5
RGB	221, 243, 229
RGB Percent	87%, 95%, 90%
CMY	0.1327, 0.0464, 0.1013
CMYK	0.09, 0.00, 0.06, 0.05
HSL	142°, 48%, 91%
HSV	142°, 9%, 95%
XYZ	76.1406, 85.2715, 86.7009
YIQ	234.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

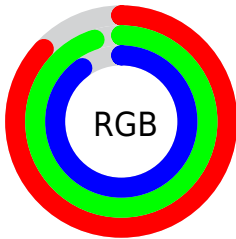
Format	Color
RYB	221, 237, 243
Decimal	14545893
CIELab	94.00, -9.77, 4.28
CIELCh	94, 10.666, 156.341
Yxy	85.2715, 0.3069, 0.3437
Android (android.graphics.Color)	4292735973 (0xFFDDDF3E5)
YUV	234.8260, -2.8722, -12.1254
Hunter-Lab	92.3426, -14.4182, 8.9722

Details

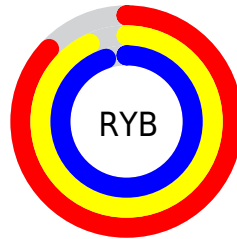
The CIELCh color **94, 10.666, 156.341** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 10.741, 337.600**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.565, 156.939** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.511, 155.477**, and if you desaturate by 10%, it is **96, 1.123, 336.672**.

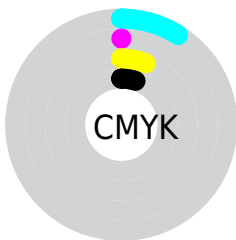
Distribution



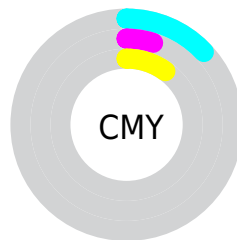
- Red (87%)
- Green (95%)
- Blue (90%)



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



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





- Cyan (13%)
- Magenta (5%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.666, 156.341 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, 10.666, 156.341 by changing the saturation by 10% instead.


 94, 10.666,
156.341


 94, 10.666,
156.341


 100, 10.666,
156.341


 84, 10.666,
156.341

 74, 10.666,
156.341

 64, 10.666,
156.341

 54, 10.666,
156.341

 44, 10.666,
156.341

 34, 10.666,
156.341

 24, 10.666,

156.341

■ 14, 10.666,
156.341

■ 4, 10.666, 156.341

■ 94, 10.666,
156.341

■ 94, 10.666,
156.341

■ 92, 22.511,
155.477

■ 96, 1.123, 336.672

■ 90, 34.257,
154.511

■ 97, 7.363, 324.656

■ 89, 45.728,
153.409

■ 88, 56.715,
152.145

■ 87, 67.001,
150.696

■ 86, 76.378,
149.049

■ 85, 84.682,
147.200

■ 85, 91.817,
145.176

■ 84, 97.816,
143.065

Harmonies

Complementary

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



94, 10.666, 156.341



90, 10.741, 337.600

Rectangle

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



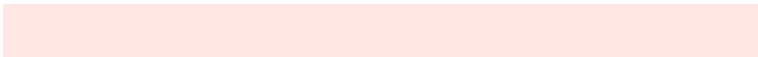
94, 10.666, 156.341



94, 10.666, 206.341



94, 10.666, 336.341



94, 10.666, 26.341

Sweetspot

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



94, 10.668, 156.338



99, 3.659, 156.877



95, 11.619, 123.194



53, 2.776, 156.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

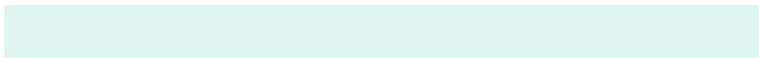
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.668, 156.338



98, 13.487, 156.173



94, 7.846, 186.446



50, 6.737, 156.302



66, 79.789, 143.255



21, 32.928, 146.654

Inverse Universe

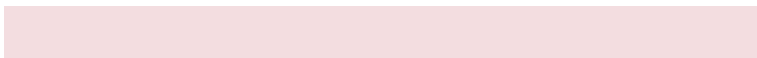
The Inverse Universe completely reimagines the original color for something new.



90, 10.741, 337.600



93, 13.590, 337.758



90, 8.178, 7.881



48, 6.784, 337.635



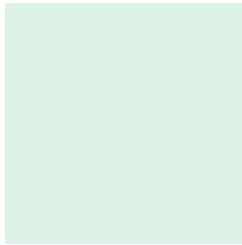
41, 70.207, 349.851



9, 32.082, 346.058

Previews

White Background



This preview shows how the CIELCh color 94, 10.666, 156.341 looks on a white background.

Color Contrast Check

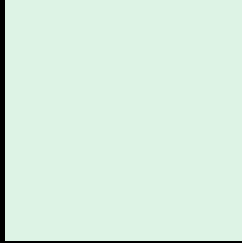
Large Text (above 18pt) WCAG AA × Fail

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, 10.666, 156.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

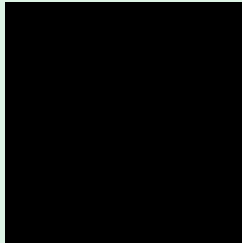
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

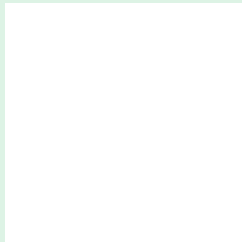
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.666, 156.341

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.666, 156.341.

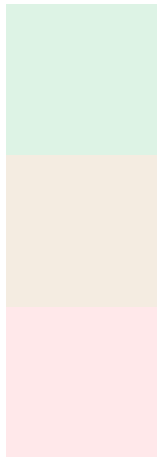


This preview shows how white text looks on a background with the CIELCh color 94, 10.666, 156.341.

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, 10.666, 156.341

Protanopia

94, 6.329, 82.412

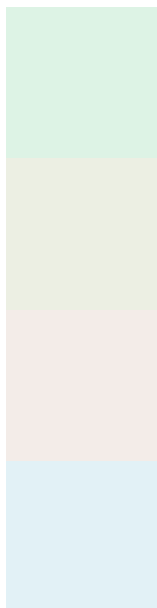
Deuteranopia

94, 8.360, 12.877



Tritanopia
94, 8.973, 266.220

Trichromacy



Original Color
94, 10.666, 156.341

Protanomaly
94, 6.256, 119.605

Deuteranomaly
94, 3.224, 58.872

Tritanomaly
94, 5.728, 225.944

Monochromacy



Original Color
94, 10.666, 156.341

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.846, 157.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.666, 156.341 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, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(221, 243, 229)  
}
```

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, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.666, 156.341 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, 243, 229) }
```

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

```
.border{ border-color:rgb(221, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.666, 156.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 243, 229) }
```

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

```
.background{ background-color: rgb(221,  
243, 229) }
```

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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