

Converting Colors

CIELCh(94, 18.546, 156.056)

Have a look what the booklet for
CIELCh(94, 18.546, 156.056)
contains.

CIELCh(94, 18.592, 156.691)	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, 18.592, 156.691)

Conversions

Conversions Part 1

Format	Color
Hex	D0F7DF
RGB	208, 247, 223
RGB Percent	82%, 97%, 87%
CMY	0.1842, 0.0313, 0.1254
CMYK	0.16, 0.00, 0.10, 0.03
HSL	143°, 71%, 89%
HSV	143°, 16%, 97%
XYZ	72.6035, 85.2715, 82.4555
YIQ	232.6030, -15.5400, -15.7320

Conversions

Conversions Part 2

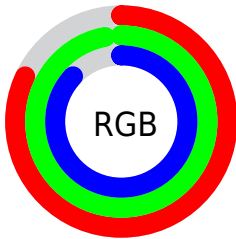
Format	Color
R _Y B	208, 236, 247
Decimal	13694943
CIE Lab	94.00, -17.07, 7.36
CIE LCh	94, 18.592, 156.691
Yxy	85.2715, 0.3021, 0.3548
Android (android.graphics.Color)	4291885023 (0xFFD0F7DF)
YUV	232.6030, -4.7343, -21.5768
Hunter-Lab	92.3426, -21.2556, 11.6980

Details

The CIELCh color **94, 18.592, 156.691** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.805, 339.112**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.869, 156.799** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.341, 155.749**, and if you desaturate by 10%, it is **96, 6.793, 157.551**.

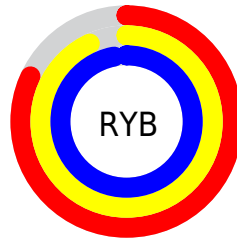
Distribution



Red (82%)

Green (97%)

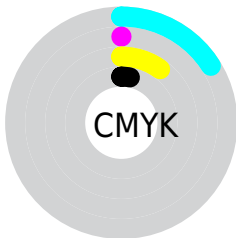
Blue (87%)



Red (82%)

Yellow (93%)

Blue (97%)

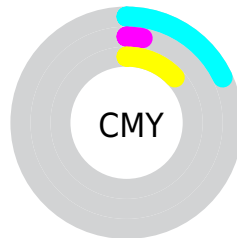


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (3%)



Cyan (18%)


Magenta (3%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 18.592, 156.691 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, 18.592, 156.691 by changing the saturation by 10% instead.


 94, 18.592,
156.691


 94, 18.592,
156.691

 100, 18.592,
156.691


 84, 18.592,
156.691

 74, 18.592,
156.691

 64, 18.592,
156.691

 54, 18.592,
156.691

 44, 18.592,
156.691

 34, 18.592,
156.691

 24, 18.592,

156.691

■ 14, 18.592,
156.691

■ 4, 18.592, 156.691

■ 94, 18.592,
156.691

■ 94, 18.592,
156.691

■ 92, 30.341,
155.749

■ 96, 6.793, 157.551

■ 91, 41.864,
154.681

■ 98, 4.328, 330.563

■ 98, 4.968, 324.553

■ 89, 52.966,
153.461

■ 88, 63.431,
152.062

■ 87, 73.053,
150.466

■ 87, 81.655,
148.664

■ 86, 89.127,
146.668

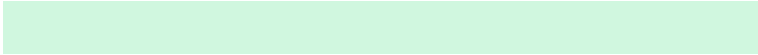
■ 86, 95.451,
144.523

■ 86, 97.844,
143.631

Harmonies

Complementary

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



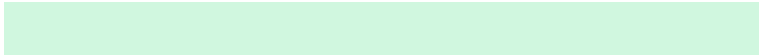
94, 18.592, 156.691



87, 18.805, 339.112

Rectangle

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



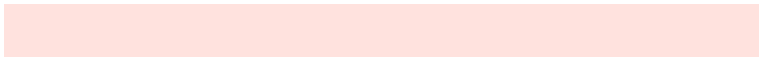
94, 18.592, 156.691



94, 18.592, 206.691



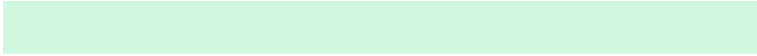
94, 18.592, 336.691



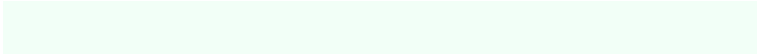
94, 18.592, 26.691

Sweetspot

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



94, 18.594, 156.689



99, 6.017, 157.621



95, 20.658, 124.088



53, 4.107, 157.558



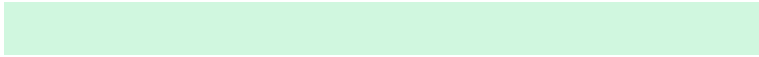
0, 0.000, 0.000



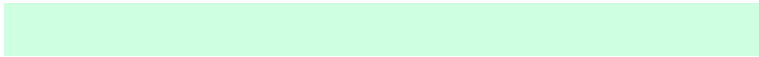
53, 0.007, 296.813

Same Dimension

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



94, 18.594, 156.689



96, 22.963, 156.397



94, 13.524, 188.569



50, 6.633, 157.235



66, 78.404, 144.040



21, 32.352, 147.484

Inverse Universe

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



87, 18.805, 339.112



88, 23.268, 339.385



87, 14.649, 11.213



48, 6.684, 338.594



41, 69.471, 351.599



9, 31.735, 347.462

Previews

White Background



This preview shows how the CIELCh color 94, 18.592, 156.691 looks on a white background.

Color Contrast Check

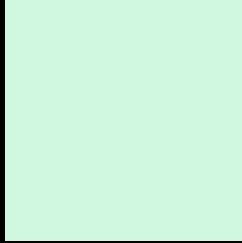
Large Text (above 18pt) WCAG AA × Fail

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, 18.592, 156.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

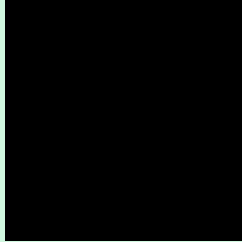
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

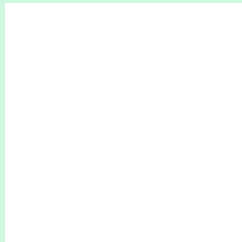
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 18.592, 156.691

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.592, 156.691.

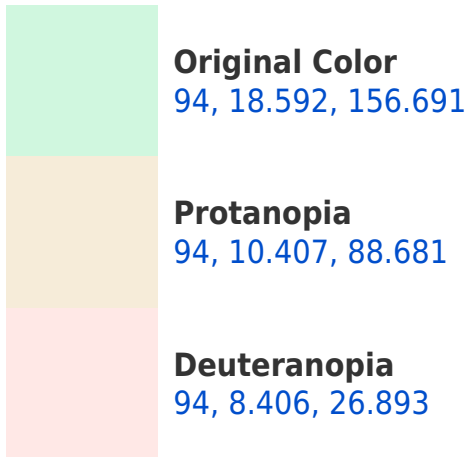


This preview shows how white text looks on a background with the CIELCh color 94, 18.592, 156.691.

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



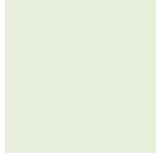


Tritanopia
94, 9.915, 250.535

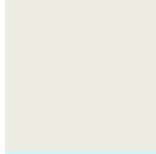
Trichromacy



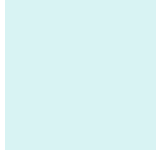
Original Color
94, 18.592, 156.691



Protanomaly
94, 11.176, 124.372



Deuteranomaly
94, 5.139, 105.742

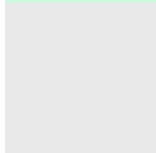


Tritanomaly
94, 9.256, 198.868

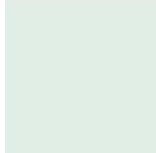
Monochromacy



Original Color
94, 18.592, 156.691



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 6.834, 156.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.592, 156.691 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(208, 247, 223)` looks like.

```
.text, #text, p{  
    color:rgb(208, 247, 223)  
}
```

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(208, 247, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 247, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.592, 156.691 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(208, 247, 223) }
```

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

```
.border{ border-color:rgb(208, 247, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 247, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 247, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 247, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 247,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.592, 156.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 247, 223) }
```

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

```
.background{ background-color: rgb(208,  
247, 223) }
```

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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