

Converting Colors

CIELCh(94, 28.701, 189.317)

Have a look what the booklet for
CIELCh(94, 28.701, 189.317)
contains.

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Color

CIELCh(94, 28.709, 189.307)

Conversions

Conversions Part 1

Format	Color
Hex	A5FEF6
RGB	165, 254, 246
RGB Percent	65%, 100%, 96%
CMY	0.3542, 0.0052, 0.0366
CMYK	0.35, 0.00, 0.03, 0.01
HSL	175°, 97%, 82%
HSV	175°, 35%, 99%
XYZ	67.3703, 85.2715, 99.8334
YIQ	226.4770, -50.4760, -21.3560

Conversions

Conversions Part 2

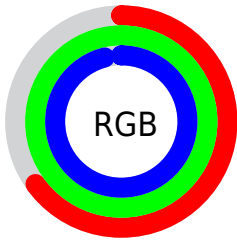
Format	Color
R_{YB}	165, 212, 254
Decimal	10878710
CIE _{Lab}	94.00, -28.33, -4.64
CIE _{LCh}	94, 28.709, 189.307
Yxy	85.2715, 0.2668, 0.3377
Android (android.graphics.Color)	4289068790 (0xFFA5FEF6)
YUV	226.4770, 9.6248, -53.9153
Hunter-Lab	92.3426, -31.3714, 0.5402

Details

The CIELCh color **94, 28.709, 189.307** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 35.200, 15.823**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **74, 28.567, 189.568** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.417, 188.509**, and if you desaturate by 10%, it is **95, 21.222, 190.089**.

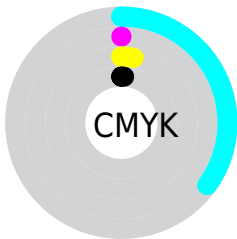
Distribution



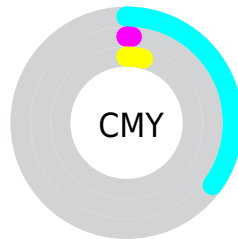
- Red (65%)
- Green (100%)
- Blue (96%)



- Red (65%)
- Yellow (83%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (35%)
- Magenta (1%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.709, 189.307 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, 28.709, 189.307 by changing the saturation by 10% instead.


 94, 28.709,
189.307

 94, 28.709,
189.307

 100, 28.709,
189.307

 84, 28.709,
189.307

 74, 28.709,
189.307

 64, 28.709,
189.307

 54, 28.709,
189.307

 44, 28.709,
189.307

 34, 28.709,
189.307

 24, 28.709,

189.307

■ 14, 28.709,
189.307

■ 4, 28.709, 189.307

■ 94, 28.709,
189.307

■ 94, 28.709,
189.307

■ 93, 35.417,
188.509

■ 95, 21.222,
190.089

■ 92, 41.203,
187.691

■ 97, 13.104,
190.875

■ 91, 45.959,
186.837

■ 99, 4.506, 191.729

■ 91, 49.622,
185.932

100, 0.748,
328.564

100, 0.833,

■ 90, 52.201,
184.957

324.099

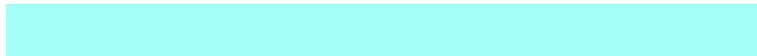
■ 90, 53.788,
183.895

■ 90, 54.322,
183.350

Harmonies

Complementary

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



94, 28.709, 189.307



77, 35.200, 15.823

Rectangle

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



94, 28.709, 189.307



94, 28.709, 239.307



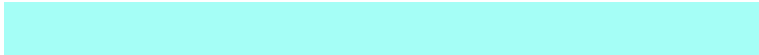
94, 28.709, 9.307



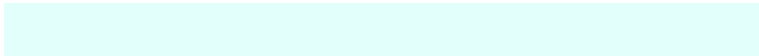
94, 28.709, 59.307

Sweetspot

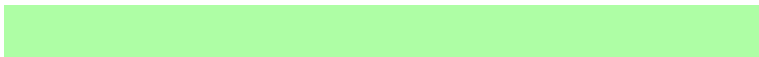
The Sweet Spot groups the original color and five complimentary colors.



94, 28.710, 189.304



98, 9.685, 191.204



93, 53.916, 139.491



52, 6.488, 191.093



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

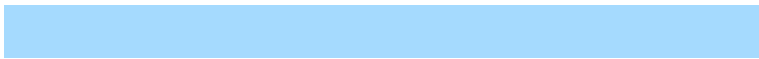
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 28.710, 189.304



94, 33.581, 188.755



85, 24.453, 249.094



52, 5.021, 191.328



70, 43.853, 183.551



23, 19.940, 184.982

Inverse Universe

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



77, 35.200, 15.823



73, 43.093, 17.022



85, 28.816, 60.362



50, 5.281, 12.690



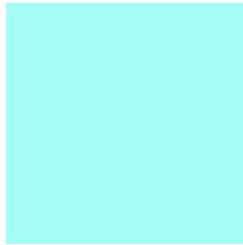
40, 80.450, 36.452



10, 32.671, 23.535

Previews

White Background



This preview shows how the CIE LCh color 94, 28.709, 189.307 looks on a white background.

Color Contrast Check

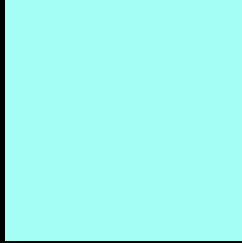
Large Text (above 18pt) WCAG AA × Fail

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, 28.709, 189.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

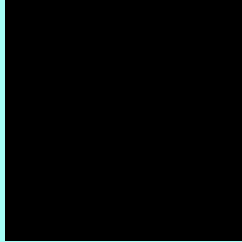
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

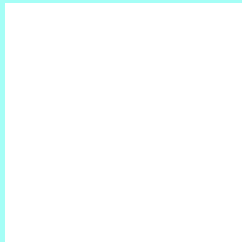
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 28.709, 189.307

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.709, 189.307.

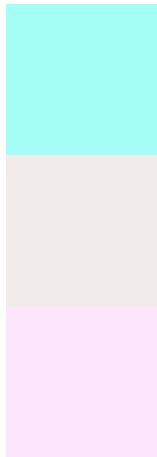


This preview shows how white text looks on a background with the CIELCh color 94, 28.709, 189.307.

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, 28.709, 189.307

Protanopia
94, 1.846, 35.329

Deuteranopia
94, 13.555, 327.381



Tritanopia
94, 13.938, 222.789

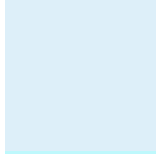
Trichromacy



Original Color
94, 28.709, 189.307



Protanomaly
93, 10.132, 189.992

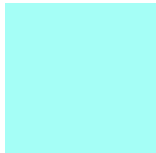


Deuteranomaly
93, 7.924, 239.849

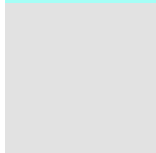


Tritanomaly
94, 18.971, 204.528

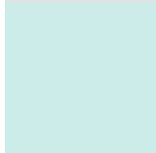
Monochromacy



Original Color
94, 28.709, 189.307



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.163, 190.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.709, 189.307 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(165, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(165, 254, 246)  
}
```

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(165, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.709, 189.307 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(165, 254, 246) }
```

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

```
.border{ border-color:rgb(165, 254, 246) }
```

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

Here you see how a box with a 4 pixel rgb(165, 254, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(165, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.709, 189.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 254, 246) }
```

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

```
.background{ background-color: rgb(165,  
254, 246) }
```

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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