

Converting Colors

CIELCh(94, 20.878, 214.696)

Have a look what the booklet for
CIELCh(94, 20.878, 214.696)
contains.

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Color

CIELCh(94, 20.483, 208.398)

Conversions

Conversions Part 1

Format	Color
Hex	BAF9FF
RGB	186, 249, 255
RGB Percent	73%, 98%, 100%
CMY	0.2716, 0.0245, 0.0000
CMYK	0.27, 0.02, 0.00, 0.00
HSL	185°, 100%, 86%
HSV	185°, 27%, 100%
XYZ	72.1548, 85.2715, 107.9007
YIQ	230.8470, -39.4740, -11.4900

Conversions

Conversions Part 2

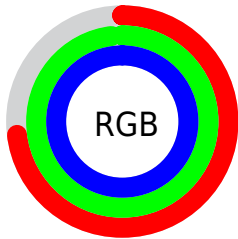
Format	Color
R_{YB}	186, 219, 255
Decimal	12253695
CIE _{Lab}	94.00, -18.02, -9.74
CIE _{LCh}	94, 20.483, 208.398
Yxy	85.2715, 0.2719, 0.3214
Android (android.graphics.Color)	4290443775 (0xFFBAF9FF)
YUV	230.8470, 11.9074, -39.3308
Hunter-Lab	92.3426, -22.1230, -4.6395

Details

The CIELCh color **94, 20.483, 208.398** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 24.813, 28.812**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **74, 20.255, 207.238** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.840, 207.348**, and if you desaturate by 10%, it is **96, 13.387, 207.357**.

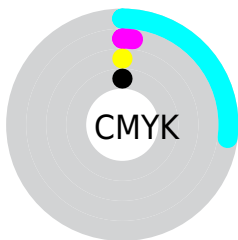
Distribution



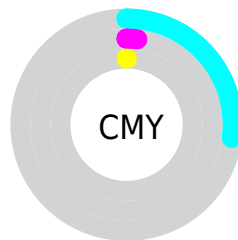
- Red (73%)
- Green (98%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 20.483, 208.398 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, 20.483, 208.398 by changing the saturation by 10% instead.

 94, 20.483,
208.398

 94, 20.483,
208.398

 100, 20.483,
208.398


 84, 20.483,
208.398

 74, 20.483,
208.398

 64, 20.483,
208.398

 54, 20.483,
208.398

 44, 20.483,
208.398

 34, 20.483,
208.398

 24, 20.483,

208.398

■ 14, 20.483,
208.398

■ 4, 20.483, 208.398

■ 94, 20.483,
208.398

■ 94, 20.483,
208.398

■ 92, 26.840,
207.348

■ 96, 13.387,
207.357

■ 90, 32.385,
207.566

■ 98, 5.748, 207.578

■ 89, 36.975,
207.971

100, 0.012,
296.813

■ 88, 40.522,
208.597

■ 86, 42.984,
209.478

■ 85, 44.392,
210.650

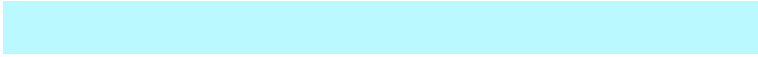
■ 85, 44.874,
212.130

■ 84, 44.921,
212.585

Harmonies

Complementary

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



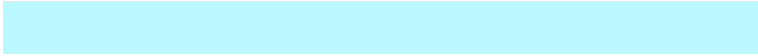
94, 20.483, 208.398



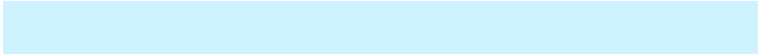
83, 24.813, 28.812

Rectangle

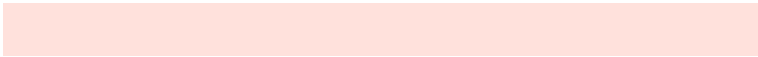
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 20.483, 208.398



94, 20.483, 258.398



94, 20.483, 28.398



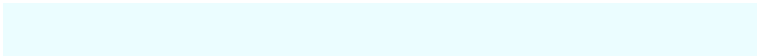
94, 20.483, 78.398

Sweetspot

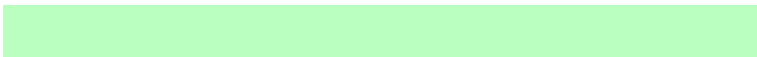
The Sweet Spot groups the original color and five complimentary colors.



94, 20.462, 207.286



98, 6.406, 207.549



94, 40.997, 144.846



52, 4.534, 207.506



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, 20.462, 207.286



93, 24.279, 207.304



85, 22.864, 268.153



52, 4.534, 207.506



65, 36.230, 212.275



22, 16.832, 210.158

Inverse Universe

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



83, 40.845, 328.556



80, 49.489, 328.900



91, 23.743, 80.292



50, 8.515, 327.502



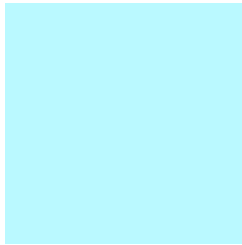
44, 86.712, 332.191



12, 40.233, 331.673

Previews

White Background



This preview shows how the CIE LCh color 94, 20.483, 208.398 looks on a white background.

Color Contrast Check

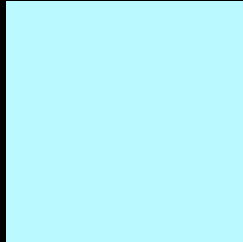
Large Text (above 18pt) WCAG AA × Fail

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, 20.483, 208.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

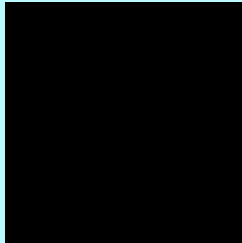
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 20.483, 208.398

Background



This preview shows how black text looks on a background with the CIELCh color 94, 20.483, 208.398.

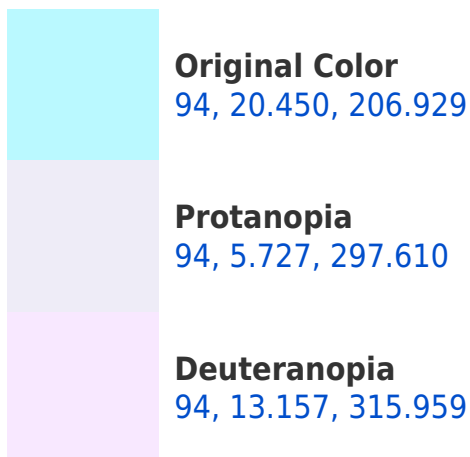


This preview shows how white text looks on a background with the CIELCh color 94, 20.483, 208.398.

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



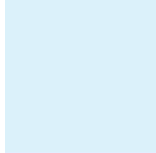


Tritanopia
94, 12.451, 228.710

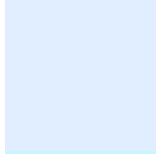
Trichromacy



Original Color
94, 20.450, 206.929



Protanomaly
94, 8.697, 231.351

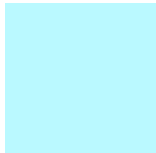


Deuteranomaly
94, 9.716, 263.935

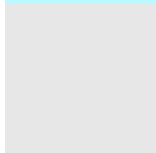


Tritanomaly
94, 15.223, 218.456

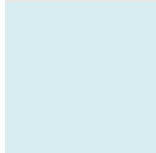
Monochromacy



Original Color
94, 20.450, 206.929



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 7.696, 210.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 20.483, 208.398 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(186, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 249, 255)  
}
```

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(186, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 20.483, 208.398 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(186, 249, 255) }
```

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

```
.border{ border-color:rgb(186, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 20.483, 208.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 249, 255) }
```

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

```
.background{ background-color: rgb(186,  
249, 255) }
```

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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