

Converting Colors

CIELCh(94, 20.163, 199.494)

Have a look what the booklet for
CIELCh(94, 20.163, 199.494)
contains.

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Color

CIELCh(94, 20.214, 199.625)

Conversions

Conversions Part 1

Format	Color
Hex	BBF9FA
RGB	187, 249, 250
RGB Percent	73%, 98%, 98%
CMY	0.2664, 0.0233, 0.0193
CMYK	0.25, 0.00, 0.00, 0.02
HSL	181°, 86%, 86%
HSV	181°, 25%, 98%
XYZ	71.6710, 85.2715, 103.1783
YIQ	230.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

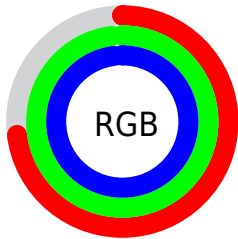
Format	Color
R_{YB}	187, 218, 250
Decimal	12319226
CIE _{Lab}	94.00, -19.04, -6.79
CIE _{LCh}	94, 20.214, 199.625
Y _{xy}	85.2715, 0.2755, 0.3278
Android (android.graphics.Color)	4290509306 (0xFFBBF9FA)
Y _{UV}	230.5760, 9.5760, -38.2162
Hunter-Lab	92.3426, -23.0581, -1.6074

Details

The CIELCh color **94, 20.214, 199.625** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 24.015, 22.574**, 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, 20.024, 201.029** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.128, 199.253**, and if you desaturate by 10%, it is **96, 12.599, 200.061**.

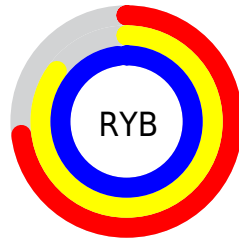
Distribution



Red (73%)

Green (98%)

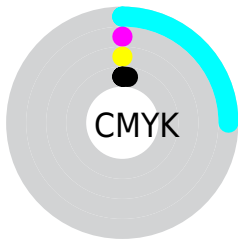
Blue (98%)



Red (73%)

Yellow (85%)

Blue (98%)

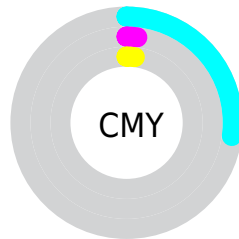


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 20.214, 199.625 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, 20.214, 199.625 by changing the saturation by 10% instead.

 94, 20.214,
199.625


 94, 20.214,
199.625

 100, 20.214,
199.625


 84, 20.214,
199.625

 74, 20.214,
199.625

 64, 20.214,
199.625

 54, 20.214,
199.625

 44, 20.214,
199.625

 34, 20.214,
199.625

 24, 20.214,

199.625

■ 14, 20.214,
199.625

■ 4, 20.214, 199.625

■ 94, 20.214,
199.625

■ 94, 20.214,
199.625

■ 93, 27.128,
199.253

■ 96, 12.599,
200.061

■ 91, 33.198,
198.960

■ 97, 4.422, 200.630

■ 99, 1.670, 22.439

■ 91, 38.302,
198.751

■ 99, 1.553, 30.123

■ 90, 42.349,
198.630

■ 99, 1.468, 38.870

89, 45.296,
198.602

99, 1.421, 48.431

89, 47.167,
198.668

99, 1.416, 58.345

88, 48.065,
198.825

99, 1.453, 68.038

88, 48.266,
198.923

99, 1.529, 77.007

Harmonies

Complementary

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



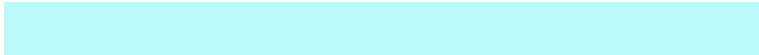
94, 20.214, 199.625



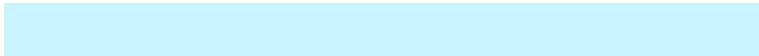
82, 24.015, 22.574

Rectangle

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



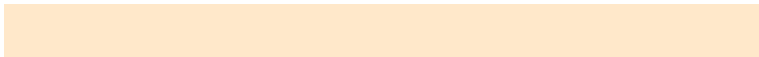
94, 20.214, 199.625



94, 20.214, 249.625



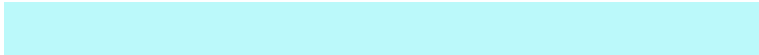
94, 20.214, 19.625



94, 20.214, 69.625

Sweetspot

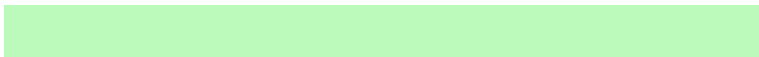
The Sweet Spot groups the original color and five complimentary colors.



94, 20.215, 199.620



98, 6.873, 200.441



93, 39.640, 142.734



52, 4.866, 200.354



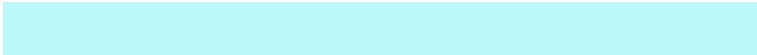
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 20.215, 199.620



95, 24.008, 199.433



86, 19.126, 259.254



51, 4.786, 200.355



69, 39.077, 198.879



22, 17.729, 198.558

Inverse Universe

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



83, 39.233, 326.255



82, 47.389, 326.518



89, 20.491, 72.262



49, 8.813, 325.371



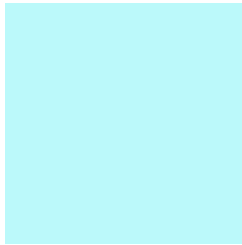
45, 91.022, 328.871



11, 41.247, 328.789

Previews

White Background



This preview shows how the CIE LCh color 94, 20.214, 199.625 looks on a white background.

Color Contrast Check

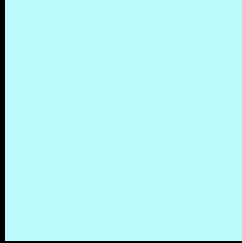
Large Text (above 18pt) WCAG AA × Fail

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, 20.214, 199.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

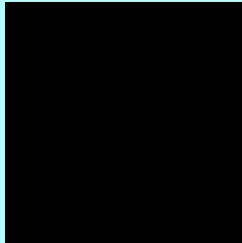
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 20.214, 199.625

Background



This preview shows how black text looks on a background with the CIELCh color 94, 20.214, 199.625.

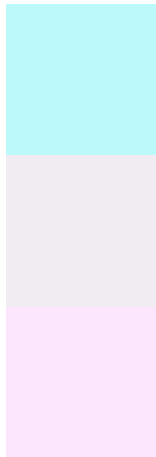


This preview shows how white text looks on a background with the CIELCh color 94, 20.214, 199.625.

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, 20.214, 199.625

Protanopia

94, 3.421, 314.714

Deuteranopia

94, 14.625, 322.633

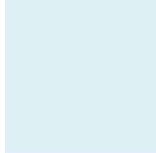


Tritanopia
94, 12.176, 229.471

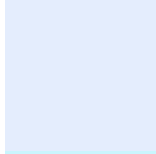
Trichromacy



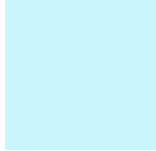
Original Color
94, 20.214, 199.625



Protanomaly
94, 7.128, 215.901

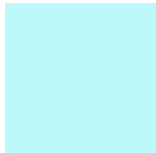


Deuteranomaly
94, 8.742, 270.292

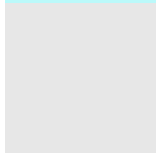


Tritanomaly
94, 14.695, 214.945

Monochromacy



Original Color
94, 20.214, 199.625



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 7.946, 198.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 20.214, 199.625 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(187, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(187, 249, 250)  
}
```

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(187, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 249, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 20.214, 199.625 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(187, 249, 250) }
```

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

```
.border{ border-color:rgb(187, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(187, 249,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 20.214, 199.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 249, 250) }
```

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

```
.background{ background-color: rgb(187,  
249, 250) }
```

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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