

Converting Colors

CIELCh(96, 36.265, 262.681)

Have a look what the booklet for
CIELCh(96, 36.265, 262.681)
contains.

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Color

CIElCh(94, 20.161, 207.073)

Conversions

Conversions Part 1

Format	Color
Hex	BBF9FF
RGB	187, 249, 255
RGB Percent	73%, 98%, 100%
CMY	0.2679, 0.0248, 0.0013
CMYK	0.27, 0.02, 0.00, 0.00
HSL	185°, 99%, 87%
HSV	185°, 27%, 100%
XYZ	72.1862, 85.2715, 106.9848
YIQ	231.1460, -38.8780, -11.2780

Conversions

Conversions Part 2

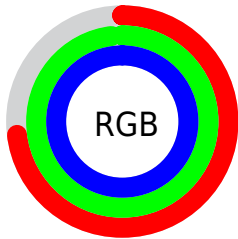
Format	Color
RYB	187, 219, 255
Decimal	12319231
CIELab	94.00, -17.95, -9.18
CIELCh	94, 20.161, 207.073
Yxy	85.2715, 0.2730, 0.3225
Android (android.graphics.Color)	4290509311 (0xFFBBF9FF)
YUV	231.1460, 11.7600, -38.7160
Hunter-Lab	92.3426, -22.0622, -4.0514

Details

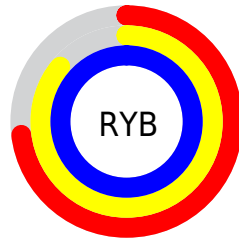
The CIELCh color **94, 20.161, 207.073** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 24.355, 28.609**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **74, 19.971, 207.390** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.579, 207.112**, and if you desaturate by 10%, it is **96, 13.052, 207.156**.

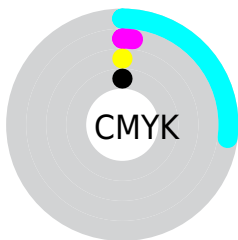
Distribution



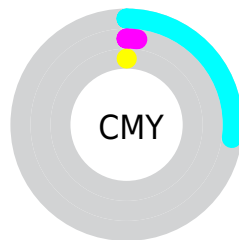
- Red (73%)
- Green (98%)
- Blue (100%)



- 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, 20.161, 207.073 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, 20.161, 207.073 by changing the saturation by 10% instead.


 94, 20.161,
207.073


 94, 20.161,
207.073

 100, 20.161,
207.073


 84, 20.161,
207.073

 74, 20.161,
207.073

 64, 20.161,
207.073

 54, 20.161,
207.073

 44, 20.161,
207.073

 34, 20.161,
207.073

 24, 20.161,

207.073

■ 14, 20.161,
207.073

■ 4, 20.161, 207.073

■ 94, 20.161,
207.073

■ 94, 20.161,
207.073

■ 92, 26.579,
207.112

■ 96, 13.052,
207.156

■ 90, 32.169,
207.308

■ 98, 5.384, 207.396

■ 89, 36.809,
207.686

100, 0.154,
109.666

■ 88, 40.408,
208.279

■ 86, 42.923,
209.122

■ 86, 44.380,
210.247

■ 85, 44.898,
211.675

■ 84, 44.954,
212.190

Harmonies

Complementary

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



94, 20.161, 207.073



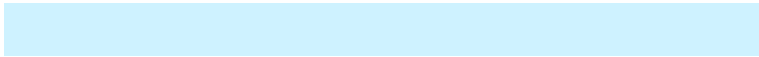
83, 24.355, 28.609

Rectangle

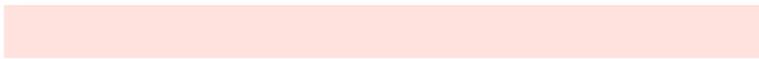
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 20.161, 207.073



94, 20.161, 257.073



94, 20.161, 27.073



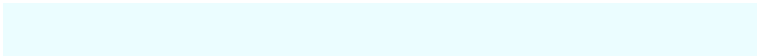
94, 20.161, 77.073

Sweetspot

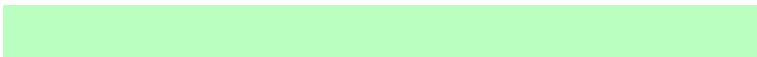
The Sweet Spot groups the original color and five complimentary colors.



94, 20.161, 207.068



98, 6.417, 207.349



94, 40.256, 144.886



52, 4.542, 207.304



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

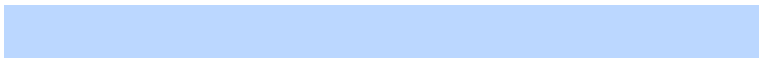
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 20.161, 207.068



93, 23.684, 207.074



85, 22.448, 268.063



52, 4.542, 207.304



65, 36.291, 211.889



22, 16.860, 209.827

Inverse Universe

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



84, 40.161, 328.468



81, 48.084, 328.780



91, 23.294, 80.356



50, 8.526, 327.443



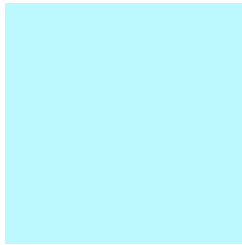
44, 86.845, 332.097



12, 40.288, 331.592

Previews

White Background



This preview shows how the CIE LCh color 94, 20.161, 207.073 looks on a white background.

Color Contrast Check

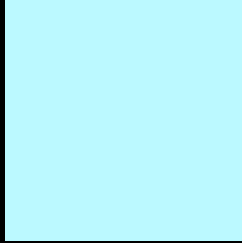
Large Text (above 18pt) WCAG AA × Fail

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, 20.161, 207.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

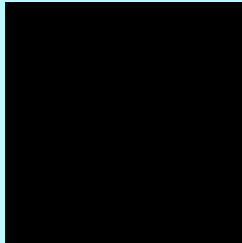
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 20.161, 207.073

Background



This preview shows how black text looks on a background with the CIELCh color 94, 20.161, 207.073.

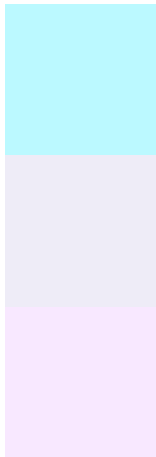


This preview shows how white text looks on a background with the CIELCh color 94, 20.161, 207.073.

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, 20.161, 207.073

Protanopia
94, 5.727, 297.610

Deuteranopia
94, 13.157, 315.959

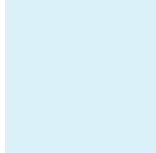


Tritanopia
94, 12.451, 228.710

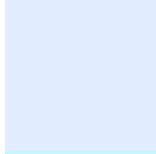
Trichromacy



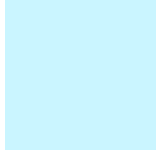
Original Color
94, 20.161, 207.073



Protanomaly
94, 8.697, 231.351

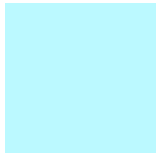


Deuteranomaly
94, 9.577, 265.741

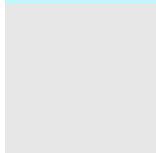


Tritanomaly
94, 14.932, 218.876

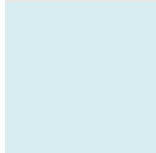
Monochromacy



Original Color
94, 20.161, 207.073



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, 20.161, 207.073 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 20.161, 207.073 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, 255) }
```

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

```
.border{ border-color:rgb(187, 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(187, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 249, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 249, 255); box-shadow:4px 4px 4px 4px rgb(187, 249, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 20.161, 207.073 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, 255) }
```

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

```
.background{ background-color: rgb(187,  
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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