

Converting Colors

CIELCh(94, 22.800, 204.295)

Have a look what the booklet for
CIELCh(94, 22.800, 204.295)
contains.

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Color

CIElCh(94, 22.716, 204.588)

Conversions

Conversions Part 1

Format	Color
Hex	B3FAFF
RGB	179, 250, 255
RGB Percent	70%, 98%, 100%
CMY	0.2976, 0.0191, 0.0000
CMYK	0.30, 0.02, 0.00, 0.00
HSL	184°, 100%, 85%
HSV	184°, 30%, 100%
XYZ	70.9101, 85.2715, 107.4311
YIQ	229.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

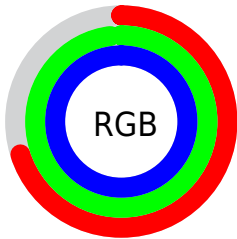
Format	Color
RYB	179, 216, 255
Decimal	11795199
CIELab	94.00, -20.66, -9.45
CIELCh	94, 22.716, 204.588
Yxy	85.2715, 0.2690, 0.3235
Android (android.graphics.Color)	4289985279 (0xFFB3FAFF)
YUV	229.3410, 12.6499, -44.1491
Hunter-Lab	92.3426, -24.5290, -4.3380

Details

The CIELCh color **94, 22.716, 204.588** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 28.086, 26.848**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **74, 22.740, 204.636** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.038, 204.360**, and if you desaturate by 10%, it is **96, 15.645, 204.598**.

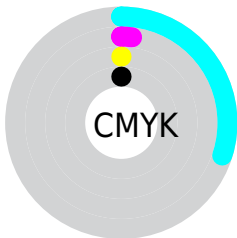
Distribution



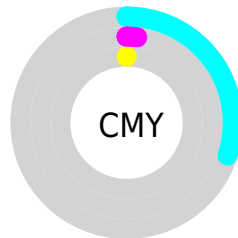
- Red (70%)
- Green (98%)
- Blue (100%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 22.716, 204.588 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, 22.716, 204.588 by changing the saturation by 10% instead.

 94, 22.716,
204.588

 94, 22.716,
204.588

 100, 22.716,
204.588

 84, 22.716,
204.588

 74, 22.716,
204.588

 64, 22.716,
204.588

 54, 22.716,
204.588

 44, 22.716,
204.588

 34, 22.716,
204.588

 24, 22.716,

204.588

■ 14, 22.716,
204.588

■ 4, 22.716, 204.588

■ 94, 22.716,
204.588

■ 94, 22.716,
204.588

■ 92, 29.038,
204.360

■ 96, 15.645,
204.598

■ 91, 34.473,
204.429

■ 98, 7.960, 204.888

■ 90, 38.906,
204.651

100, 0.012,
296.813

■ 89, 42.260,
205.050

■ 88, 44.512,
205.648

■ 87, 45.716,
206.463

■ 86, 46.070,
207.486

■ 86, 46.074,
207.512

Harmonies

Complementary

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



94, 22.716, 204.588



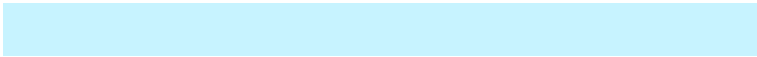
81, 28.086, 26.848

Rectangle

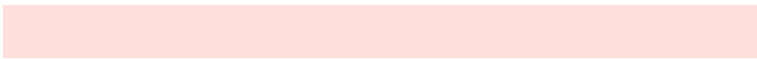
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 22.716, 204.588



94, 22.716, 254.588



94, 22.716, 24.588



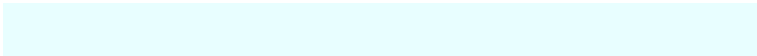
94, 22.716, 74.588

Sweetspot

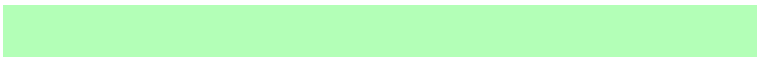
The Sweet Spot groups the original color and five complimentary colors.



94, 22.717, 204.422



98, 7.358, 204.917



94, 45.934, 143.674



52, 5.093, 204.863



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, 22.717, 204.422



93, 26.761, 204.369



84, 24.123, 265.433



52, 4.642, 204.898



67, 37.155, 207.304



22, 17.241, 205.883

Inverse Universe

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



82, 45.499, 327.913



79, 54.810, 328.266



90, 25.554, 76.741



50, 8.669, 326.734



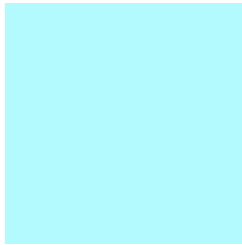
45, 88.498, 330.972



12, 40.962, 330.622

Previews

White Background



This preview shows how the CIE LCh color 94, 22.716, 204.588 looks on a white background.

Color Contrast Check

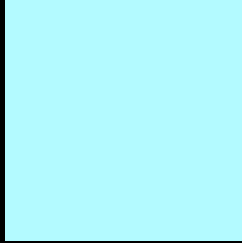
Large Text (above 18pt) WCAG AA × Fail

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, 22.716, 204.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

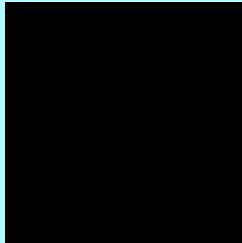
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 22.716, 204.588

Background



This preview shows how black text looks on a background with the CIELCh color 94, 22.716, 204.588.

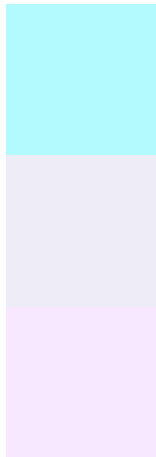


This preview shows how white text looks on a background with the CIELCh color 94, 22.716, 204.588.

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, 22.716, 204.588

Protanopia

94, 5.217, 298.272

Deuteranopia

94, 13.013, 314.563

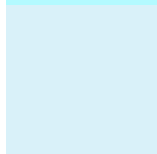


Tritanopia
94, 13.006, 227.289

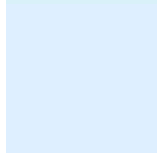
Trichromacy



Original Color
94, 22.716, 204.588



Protanomaly
94, 9.040, 226.203



Deuteranomaly
94, 9.931, 255.537

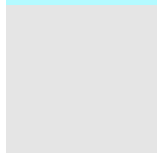


Tritanomaly
94, 16.561, 214.815

Monochromacy



Original Color
94, 22.716, 204.588



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 8.946, 202.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 22.716, 204.588 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(179, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 250, 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(179, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 22.716, 204.588 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(179, 250, 255) }
```

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

```
.border{ border-color:rgb(179, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 22.716, 204.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 250, 255) }
```

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

```
.background{ background-color: rgb(179,  
250, 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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