Converting Colors

CIELCh(100, 28.483, 195.674)

Have a look what the booklet for CIELCh(100, 28.483, 195.674) contains.

Color

CIELCh(95, 23.987, 197.938)

Conversions

Conversions Part 1

Format	Color
Hex	B3FEFE
RGB	179, 254, 254
RGB Percent	70%, 100%, 100%
CMY	0.2980, 0.0039, 0.0039
CMYK	0.30, 0.00, 0.00, 0.00
HSL	180°, 97%, 85%
HSV	180°, 30%, 100%
XYZ	71.9213, 87.6183, 106.8816
YIQ	231.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

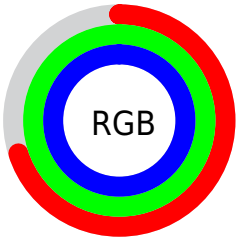
Format	Color
RYB	179, 217, 254
Decimal	11796222
CIELab	95.00, -22.82, -7.39
CIELCh	95, 23.987, 197.938
Yxy	87.6183, 0.2700, 0.3289
Android (android.graphics.Color)	4289986302 (0xFFB3FEFE)
YUV	231.5750, 11.0555, -46.1083
Hunter-Lab	93.6047, -26.6574, -2.1765

Details

The CIELCh color 95, 23.987, 197.938 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 80, 29.407, 21.888, and the grayscale version is 92, 0.011, 296.813.

A 20% lighter version of the original color is 99, 6.178, 199.121, and 75, 24.061, 197.617 is the 20% darker color. If you saturate the color by 10%, you get 94, 30.753, 197.519, and if you desaturate by 10%, it is 96, 16.439, 198.411.

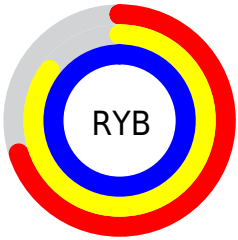
Distribution



Red (70%)

Green (100%)

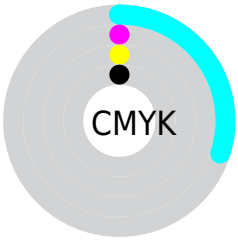
Blue (100%)



Red (70%)

Yellow (85%)

Blue (100%)

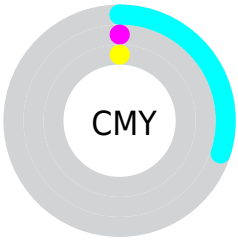


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (0%)



Cyan (30%)

Magenta (0%)

Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.987, 197.938 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 95, 23.987, 197.938 by changing the saturation by 10% instead.

95, 23.987, 197.938

100, 23.987, 197.938

95, 23.987, 197.938

85, 23.987, 197.938

75, 23.987, 197.938

65, 23.987, 197.938

55, 23.987, 197.938

45, 23.987, 197.938

35, 23.987, 197.938

25, 23.987,

197.938

15, 23.987, 197.938

5, 23.987, 197.938

95, 23.987, 197.938

94, 30.753, 197.519

93, 36.597, 197.168

92, 41.409, 196.883

92, 45.119, 196.666

95, 23.987, 197.938

96, 16.439, 198.411

98, 8.252, 198.962

100, 0.353, 17.556

100, 0.353, 17.563

100, 0.353, 17.571

91, 47.715, 196.516

91, 49.258, 196.427

91, 49.941, 196.388

91, 49.965, 196.387

100, 0.353, 17.578

100, 0.353, 17.586

100, 0.353, 17.593

100, 0.353, 17.601

Harmonies

Complementary

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

95, 23.987, 197.938

80, 29.407, 21.888

Rectangle

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

95, 23.987, 197.938

95, 23.987, 247.938

95, 23.987, 17.938

95, 23.987, 67.938

Sweetspot

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

95, 23.988, 197.934

98, 7.839, 198.994

93, 46.991, 142.361

52, 5.426, 198.906

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

95, 23.988, 197.934

95, 27.891, 197.699

85, 22.626, 260.095

52, 4.945, 198.963

70, 40.365, 196.387

24, 18.570, 196.387

Inverse Universe

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

82, 46.984, 326.055

79, 55.682, 326.342

89, 24.569, 71.713

50, 9.057, 324.947

45, 93.082, 328.233

12, 42.822, 328.233

Previews

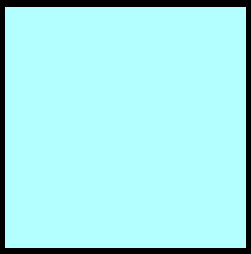
White Background

This preview shows how the CIELCh color 95, 23.987, 197.938 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



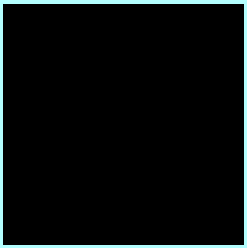
This preview shows how the CIELCh color 95, 23.987, 197.938 looks on a black background.

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 95, 23.987, 197.938 Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.987, 197.938.

This preview shows how white text looks on a background with the CIELCh color 95, 23.987, 197.938.

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
95, 23.995, 197.934

Protanopia
95, 3.889, 311.601

Deuteranopia
95, 12.552, 320.856

Tritanopia
95, 10.881, 227.192

Trichromacy

Original Color
95, 23.995, 197.934

Protanomaly
95, 8.720, 212.627

Deuteranomaly
94, 8.913, 253.303

Tritanomaly
95, 15.183, 212.317

Monochromacy

Original Color
95, 23.995, 197.934

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 9.274, 198.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.987, 197.938 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, 254, 254) looks like.

```
.text, #text, p{
    color:rgb(179, 254, 254)
}
```

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, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.987, 197.938 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, 254, 254) }
```

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

```
.border{ border-color:rgb(179, 254, 254) }
```

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

Here you see how a box with a 4 pixel rgb(179, 254, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 254, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 254, 254); box-shadow:4px 4px 4px 4px rgb(179, 254, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.987, 197.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 254, 254) }
```

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

```
.background{ background-color:rgb(179,
254, 254) }
```

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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