

Converting Colors

CIELCh(97, 20.988, 238.434)

Have a look what the booklet for
CIELCh(97, 20.988, 238.434)
contains.

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Color

CIElCh(96, 17.457, 200.042)

Conversions

Conversions Part 1

Format	Color
Hex	C8FDDE
RGB	200, 253, 254
RGB Percent	78%, 99%, 100%
CMY	0.2141, 0.0063, 0.0024
CMYK	0.21, 0.00, 0.00, 0.00
HSL	181°, 98%, 89%
HSV	181°, 21%, 100%
XYZ	77.1239, 90.0078, 107.3972
YIQ	237.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

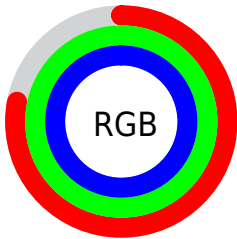
Format	Color
R _Y B	200, 227, 254
Decimal	13172222
CIE Lab	96.00, -16.40, -5.98
CIE LCh	96, 17.457, 200.042
Yxy	90.0078, 0.2809, 0.3279
Android (android.graphics.Color)	4291362302 (0xFFC8FDFF)
YUV	237.2670, 8.2494, -32.6832
Hunter-Lab	94.8724, -20.9202, -0.7066

Details

The CIELCh color **96, 17.457, 200.042** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 20.142, 22.397**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 17.336, 199.916** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.745, 199.652**, and if you desaturate by 10%, it is **98, 9.516, 200.501**.

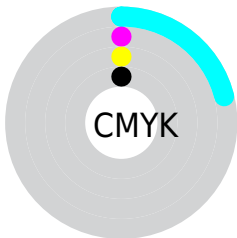
Distribution



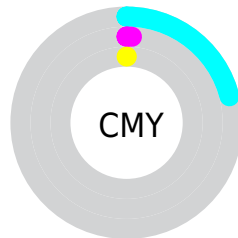
- Red (78%)
- Green (99%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 17.457, 200.042 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 96, 17.457, 200.042 by changing the saturation by 10% instead.


 96, 17.457,
200.042


 96, 17.457,
200.042


 100, 17.457,
200.042


 86, 17.457,
200.042

 76, 17.457,
200.042

 66, 17.457,
200.042

 56, 17.457,
200.042

 46, 17.457,
200.042

 36, 17.457,
200.042

 26, 17.457,

200.042

■ 16, 17.457,
200.042

■ 6, 17.457, 200.042

■ 96, 17.457,
200.042

■ 96, 17.457,
200.042

■ 95, 24.745,
199.652

■ 98, 9.516, 200.501

■ 93, 31.234,
199.343

■ 100, 1.060,
201.539

100, 0.210, 90.166

■ 92, 36.790,
199.117

100, 0.300,
109.898

■ 91, 41.306,
198.980

■ 91, 44.716,
198.940

■ 90, 47.016,
199.000

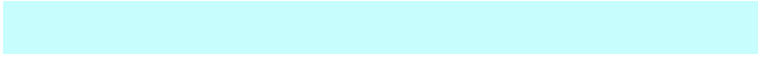
■ 90, 48.277,
199.158

■ 90, 48.713,
199.366

Harmonies

Complementary

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



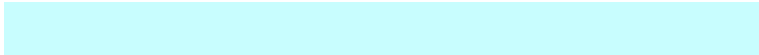
96, 17.457, 200.042



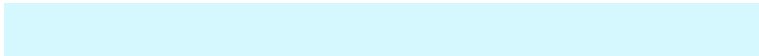
86, 20.142, 22.397

Rectangle

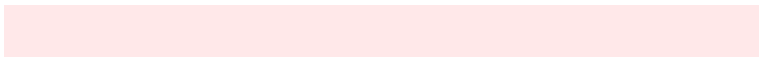
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 17.457, 200.042



96, 17.457, 250.042



96, 17.457, 20.042



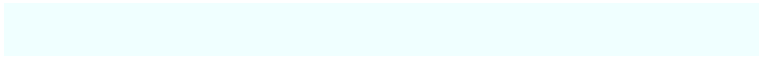
96, 17.457, 70.042

Sweetspot

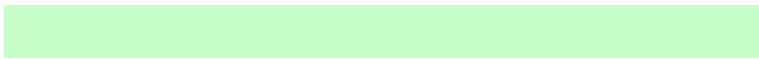
The Sweet Spot groups the original color and five complimentary colors.



96, 17.458, 200.036



99, 5.167, 200.806



95, 33.472, 143.492



53, 3.422, 200.762



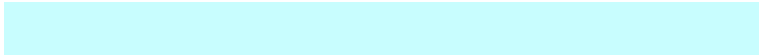
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

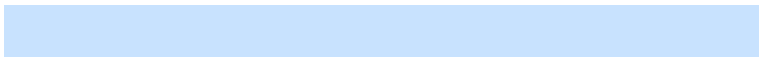
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 17.458, 200.036



96, 20.336, 199.882



89, 16.633, 260.357



52, 4.853, 200.593



69, 39.324, 199.314



23, 18.147, 198.953

Inverse Universe

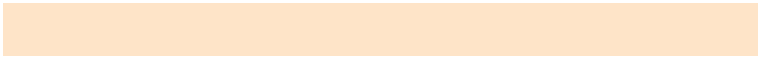
The Inverse Universe completely reimagines the original color for something new.



87, 33.454, 326.110



85, 39.483, 326.320



92, 17.503, 74.501



50, 8.944, 325.445



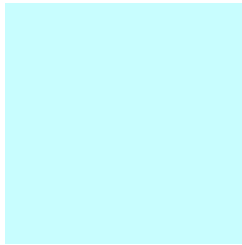
45, 91.743, 328.981



12, 42.280, 328.890

Previews

White Background



This preview shows how the CIE LCh color 96, 17.457, 200.042 looks on a white background.

Color Contrast Check

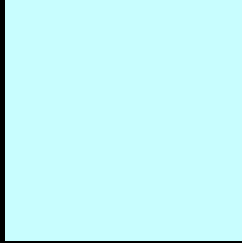
Large Text (above 18pt) WCAG AA × Fail

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 96, 17.457, 200.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

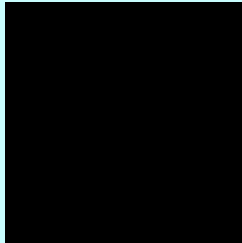
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 17.457, 200.042

Background



This preview shows how black text looks on a background with the CIELCh color 96, 17.457, 200.042.

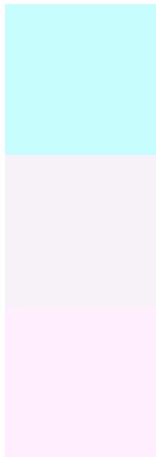


This preview shows how white text looks on a background with the CIELCh color 96, 17.457, 200.042.

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](#).

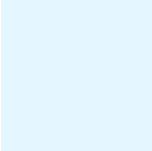
Dichromacy



Original Color
96, 17.465, 200.038

Protanopia
96, 2.946, 318.819

Deuteranopia
96, 10.185, 326.406

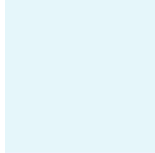


Tritanopia
96, 7.582, 236.737

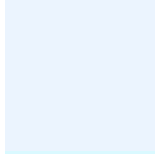
Trichromacy



Original Color
96, 17.465, 200.038



Protanomaly
96, 6.148, 218.680



Deuteranomaly
96, 5.937, 259.267

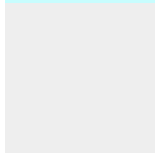


Tritanomaly
96, 10.795, 215.446

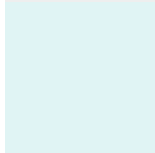
Monochromacy



Original Color
96, 17.465, 200.038



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 6.903, 199.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 17.457, 200.042 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(200, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(200, 253, 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(200, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 17.457, 200.042 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(200, 253, 254) }
```

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

```
.border{ border-color:rgb(200, 253, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(200, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 17.457, 200.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 253, 254) }
```

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

```
.background{ background-color: rgb(200,  
253, 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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