

Converting Colors

CIELCh(96, 17.094, 221.065)

Have a look what the booklet for
CIELCh(96, 17.094, 221.065)
contains.

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Color

CIELCh(96, 16.521, 203.791)

Conversions

Conversions Part 1

Format	Color
Hex	CBFDFF
RGB	203, 253, 255
RGB Percent	80%, 99%, 100%
CMY	0.2050, 0.0089, 0.0000
CMYK	0.21, 0.01, 0.00, 0.00
HSL	183°, 100%, 90%
HSV	183°, 21%, 100%
XYZ	77.7620, 90.0078, 108.5046
YIQ	238.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

Format	Color
R _Y B	203, 228, 255
Decimal	13368831
CIE Lab	96.00, -15.12, -6.66
CIE LCh	96, 16.521, 203.791
Yxy	90.0078, 0.2815, 0.3258
Android (android.graphics.Color)	4291558911 (0xFFC _B F _D F _F)
YUV	238.2780, 8.2439, -30.9388
Hunter-Lab	94.8724, -19.7195, -1.3986

Details

The CIELCh color **96, 16.521, 203.791** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.995, 24.332**, 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, 16.375, 202.000** is the 20% darker color. If you saturate the color by 10%, you get **94, 23.692, 202.182**, and if you desaturate by 10%, it is **98, 8.724, 202.827**.

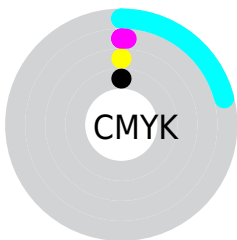
Distribution



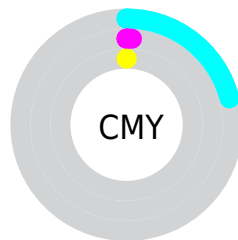
- Red (80%)
- Green (99%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 16.521, 203.791 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, 16.521, 203.791 by changing the saturation by 10% instead.


 96, 16.521,
203.791


 96, 16.521,
203.791


 100, 16.521,
203.791


 86, 16.521,
203.791

 76, 16.521,
203.791

 66, 16.521,
203.791

 56, 16.521,
203.791

 46, 16.521,
203.791

 36, 16.521,
203.791

 26, 16.521,

203.791

■ 16, 16.521,
203.791

■ 6, 16.521, 203.791

■ 96, 16.521,
203.791

■ 96, 16.521,
203.791

■ 94, 23.692,
202.182

■ 98, 8.724, 202.827

■ 93, 30.084,
202.004

100, 0.427,
204.709

■ 92, 35.566,
201.935

100, 0.012,
296.813

■ 90, 40.025,
201.988

■ 90, 43.389,
202.180

■ 89, 45.645,
202.523

■ 88, 46.852,
203.025

■ 88, 47.227,
203.635

Harmonies

Complementary

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



96, 16.521, 203.791



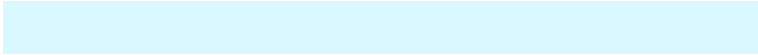
87, 18.995, 24.332

Rectangle

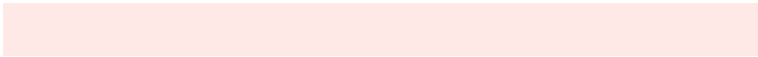
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 16.521, 203.791



96, 16.521, 253.791



96, 16.521, 23.791



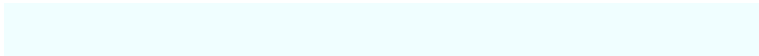
96, 16.521, 73.791

Sweetspot

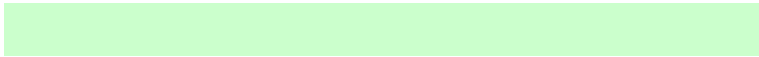
The Sweet Spot groups the original color and five complimentary colors.



96, 16.525, 202.456



99, 5.042, 203.055



95, 32.032, 143.997



53, 3.339, 203.016



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

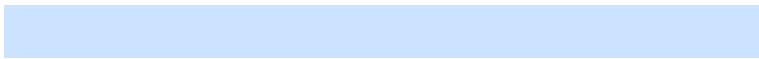
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 16.525, 202.456



95, 19.836, 202.321



89, 16.368, 261.990



52, 4.735, 202.872



68, 38.073, 203.503



23, 17.630, 202.598

Inverse Universe

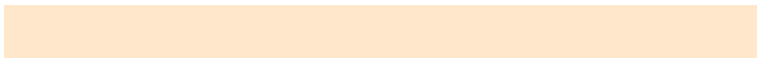
The Inverse Universe completely reimagines the original color for something new.



87, 31.844, 326.767



85, 38.829, 327.022



93, 17.095, 76.300



50, 8.795, 326.131



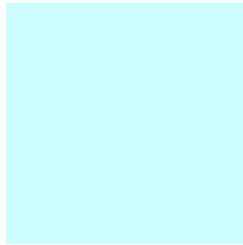
45, 89.975, 330.033



12, 41.563, 329.807

Previews

White Background



This preview shows how the CIE LCh color 96, 16.521, 203.791 looks on a white background.

Color Contrast Check

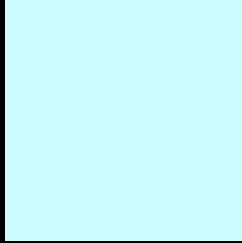
Large Text (above 18pt) WCAG AA × Fail

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, 16.521, 203.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

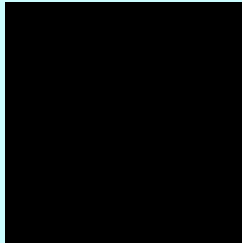
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 16.521, 203.791

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.521, 203.791.



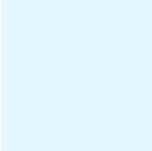
This preview shows how white text looks on a background with the CIELCh color 96, 16.521, 203.791.

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



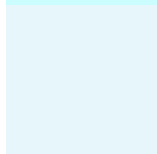


Tritanopia
96, 7.582, 236.737

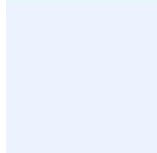
Trichromacy



Original Color
96, 16.520, 201.990



Protanomaly
96, 6.012, 224.472



Deuteranomaly
96, 6.096, 267.414

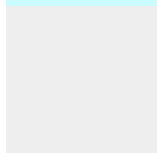


Tritanomaly
96, 10.317, 219.314

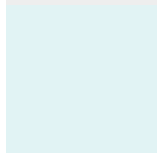
Monochromacy



Original Color
96, 16.520, 201.990



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 6.230, 203.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 16.521, 203.791 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(203, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 253, 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(203, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.521, 203.791 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(203, 253, 255) }
```

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

```
.border{ border-color:rgb(203, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.521, 203.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 253, 255) }
```

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

```
.background{ background-color: rgb(203,  
253, 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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