

Converting Colors

CIELCh(96, 12.892, 200.083)

Have a look what the booklet for
CIELCh(96, 12.892, 200.083)
contains.

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Color

CIElCh(96, 12.775, 200.956)

Conversions

Conversions Part 1

Format	Color
Hex	D5FBFC
RGB	213, 251, 252
RGB Percent	84%, 98%, 99%
CMY	0.1654, 0.0164, 0.0125
CMYK	0.15, 0.00, 0.00, 0.01
HSL	182°, 86%, 91%
HSV	182°, 15%, 99%
XYZ	79.3628, 90.0078, 105.1256
YIQ	239.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

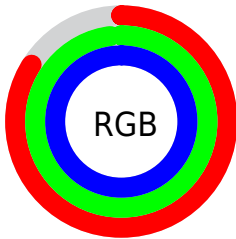
Format	Color
R_{YB}	213, 232, 252
Decimal	14023676
CIE _{Lab}	96.00, -11.93, -4.57
CIE _{LCh}	96, 12.775, 200.956
Yxy	90.0078, 0.2891, 0.3279
Android (android.graphics.Color)	4292213756 (0xFFD5FBFC)
YUV	239.7520, 6.0383, -23.4615
Hunter-Lab	94.8724, -16.7077, 0.7131

Details

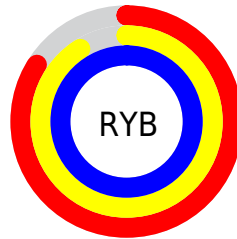
The CIELCh color **96, 12.775, 200.956** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 14.150, 22.482**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 12.575, 200.951** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.338, 200.550**, and if you desaturate by 10%, it is **98, 4.649, 201.473**.

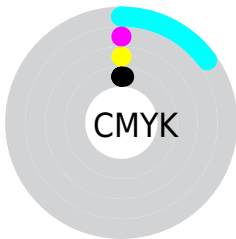
Distribution



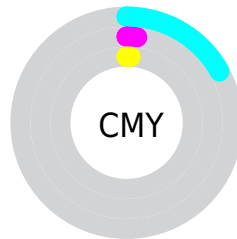
- Red (84%)
- Green (98%)
- Blue (99%)



- Red (84%)
- Yellow (91%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (17%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 12.775, 200.956 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, 12.775, 200.956 by changing the saturation by 10% instead.


 96, 12.775,
200.956


 96, 12.775,
200.956


 100, 12.775,
200.956


 86, 12.775,
200.956

 76, 12.775,
200.956

 66, 12.775,
200.956

 56, 12.775,
200.956

 46, 12.775,
200.956

 36, 12.775,
200.956

 26, 12.775,

200.956

■ 16, 12.775,
200.956

■ 6, 12.775, 200.956

■ 96, 12.775,
200.956

■ 96, 12.775,
200.956

■ 94, 20.338,
200.550

■ 98, 4.649, 201.473

■ 93, 27.194,
200.232

■ 99, 1.026, 27.092

■ 99, 0.913, 49.901

■ 92, 33.204,
199.999

■ 100, 0.966, 74.185

■ 91, 38.244,
199.859

■ 100, 1.163, 93.014

■ 100, 1.445,

■ 90, 42.223,
199.823

105.467

■ 89, 45.097,
199.897

100, 1.607,
110.010

■ 89, 46.891,
200.086

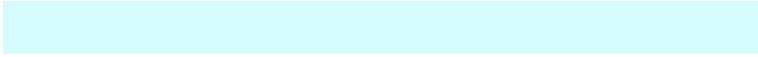
■ 88, 47.710,
200.388

■ 88, 47.871,
200.551

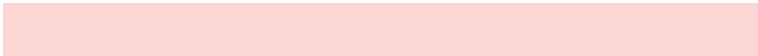
Harmonies

Complementary

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



96, 12.775, 200.956



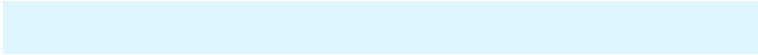
89, 14.150, 22.482

Rectangle

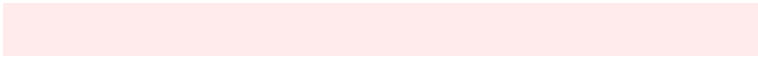
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



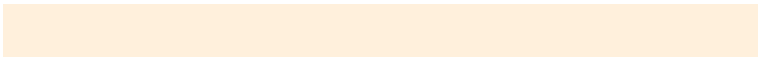
96, 12.775, 200.956



96, 12.775, 250.956



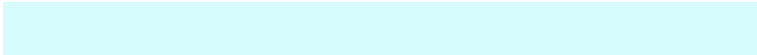
96, 12.775, 20.956



96, 12.775, 70.956

Sweetspot

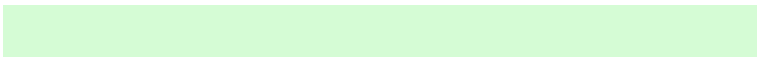
The Sweet Spot groups the original color and five complimentary colors.



96, 12.776, 200.948



99, 4.285, 201.509



95, 24.188, 143.925



53, 2.919, 201.458



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

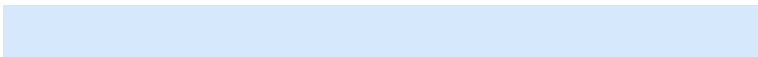
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 12.776, 200.948



96, 15.663, 200.798



91, 12.067, 259.405



51, 4.740, 201.234



68, 38.563, 200.476



22, 17.523, 199.943

Inverse Universe

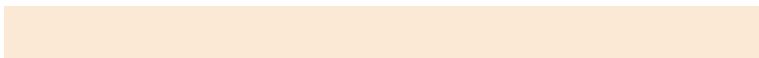
The Inverse Universe completely reimagines the original color for something new.



89, 24.067, 325.982



88, 29.860, 326.182



93, 12.506, 75.228



49, 8.755, 325.637



45, 90.329, 329.275



11, 40.972, 329.140

Previews

White Background



This preview shows how the CIE LCh color 96, 12.775, 200.956 looks on a white background.

Color Contrast Check

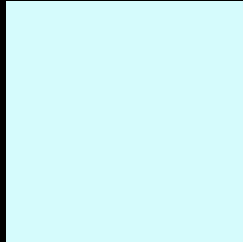
Large Text (above 18pt) WCAG AA × Fail

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, 12.775, 200.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

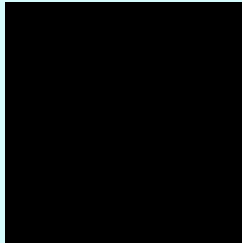
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 12.775, 200.956

Background



This preview shows how black text looks on a background with the CIELCh color 96, 12.775, 200.956.

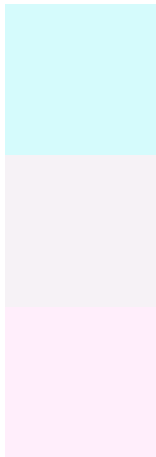


This preview shows how white text looks on a background with the CIELCh color 96, 12.775, 200.956.

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](#).

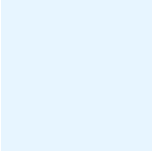
Dichromacy



Original Color
96, 12.775, 200.956

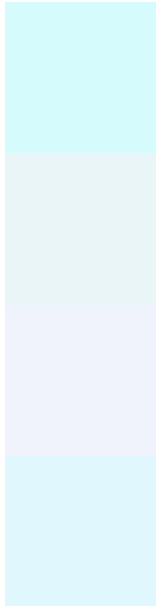
Protanopia
96, 2.509, 324.412

Deuteranopia
96, 8.996, 332.180



Tritanopia
96, 6.933, 247.072

Trichromacy



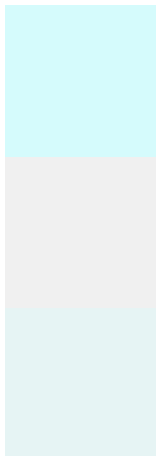
Original Color
96, 12.775, 200.956

Protanomaly
96, 4.083, 221.487

Deuteranomaly
96, 4.221, 276.264

Tritanomaly
96, 8.510, 224.037

Monochromacy



Original Color
96, 12.775, 200.956

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.861, 199.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 12.775, 200.956 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(213, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(213, 251, 252)  
}
```

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(213, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 12.775, 200.956 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(213, 251, 252) }
```

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

```
.border{ border-color:rgb(213, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(213, 251,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 12.775, 200.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 252) }
```

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

```
.background{ background-color: rgb(213,  
251, 252) }
```

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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