

Converting Colors

CIELCh(100, 58.141, 286.580)

Have a look what the booklet for
CIELCh(100, 58.141, 286.580)
contains.

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Color

CIELCh(96, 10.056, 213.672)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9FE
RGB	220, 249, 254
RGB Percent	86%, 98%, 100%
CMY	0.1377, 0.0241, 0.0045
CMYK	0.13, 0.02, 0.00, 0.00
HSL	189°, 94%, 93%
HSV	189°, 13%, 100%
XYZ	81.1772, 90.0078, 106.7395
YIQ	240.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

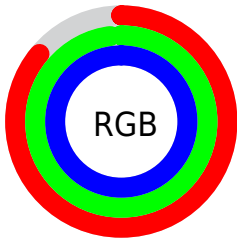
Format	Color
R _Y B	220, 236, 254
Decimal	14481918
CIE Lab	96.00, -8.37, -5.58
CIE LCh	96, 10.056, 213.672
Yxy	90.0078, 0.2921, 0.3239
Android (android.graphics.Color)	4292671998 (0xFFDC9FE)
YUV	240.8990, 6.4588, -18.3284
Hunter-Lab	94.8724, -13.2939, -0.2956

Details

The CIELCh color `96, 10.056, 213.672` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 10.989, 33.568`, 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, 10.020, 211.181` is the 20% darker color. If you saturate the color by 10%, you get `93, 17.021, 213.839`, and if you desaturate by 10%, it is `99, 2.610, 213.770`.

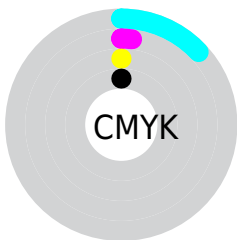
Distribution



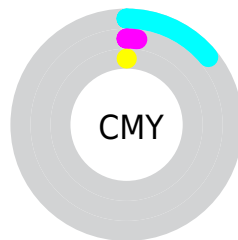
- Red (86%)
- Green (98%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 10.056, 213.672 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, 10.056, 213.672 by changing the saturation by 10% instead.


 96, 10.056,
213.672


 96, 10.056,
213.672


 100, 10.056,
213.672


 86, 10.056,
213.672

 76, 10.056,
213.672

 66, 10.056,
213.672

 56, 10.056,
213.672

 46, 10.056,
213.672

 36, 10.056,
213.672

 26, 10.056,

213.672

■ 16, 10.056,
213.672

■ 6, 10.056, 213.672

■ 96, 10.056,
213.672

■ 96, 10.056,
213.672

■ 93, 17.021,
213.839

■ 99, 2.610, 213.770

■ 91, 23.382,
214.199

100, 0.568,
109.999

■ 89, 29.013,
214.771

■ 87, 33.793,
215.603

■ 85, 37.623,
216.752

■ 83, 40.444,
218.283

■ 82, 42.266,
220.262

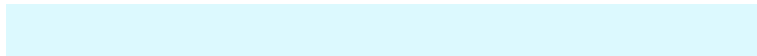
■ 81, 43.182,
222.742

■ 80, 43.440,
224.623

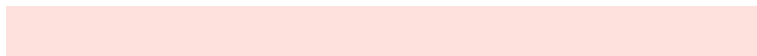
Harmonies

Complementary

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



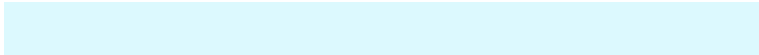
96, 10.056, 213.672



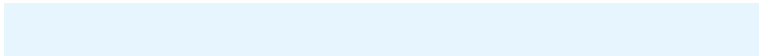
92, 10.989, 33.568

Rectangle

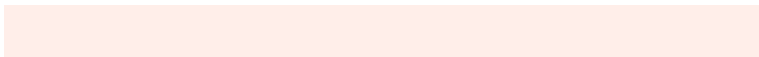
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 10.056, 213.672



96, 10.056, 263.672



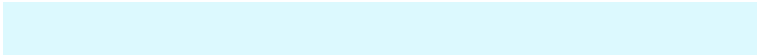
96, 10.056, 33.672



96, 10.056, 83.672

Sweetspot

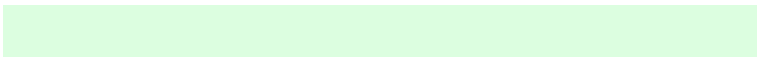
The Sweet Spot groups the original color and five complimentary colors.



96, 10.057, 213.660



99, 3.092, 213.733



97, 19.378, 147.454



53, 2.194, 213.702



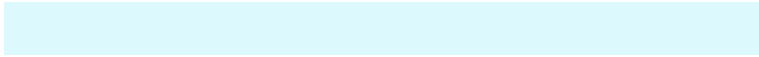
0, 0.000, 0.000



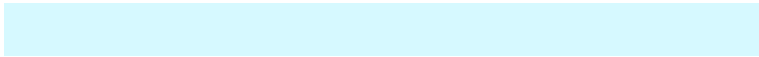
53, 0.007, 296.813

Same Dimension

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



96, 10.057, 213.660



96, 11.973, 213.690



92, 11.810, 270.242



52, 4.334, 213.642



62, 35.125, 224.079



20, 16.250, 220.301

Inverse Universe

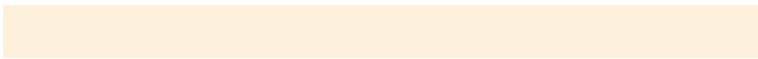
The Inverse Universe completely reimagines the original color for something new.



91, 19.237, 329.534



90, 23.109, 329.699



96, 11.899, 86.632



50, 8.184, 329.290



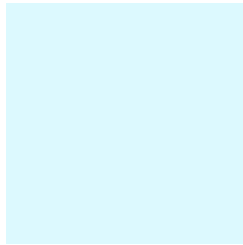
44, 82.954, 335.116



12, 38.689, 334.168

Previews

White Background



This preview shows how the CIE LCh color 96, 10.056, 213.672 looks on a white background.

Color Contrast Check

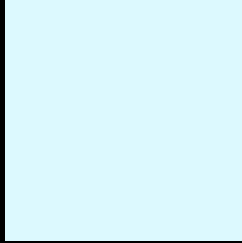
Large Text (above 18pt) WCAG AA × Fail

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, 10.056, 213.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

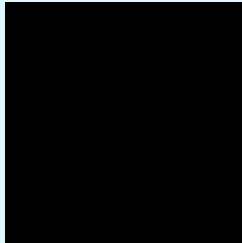
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

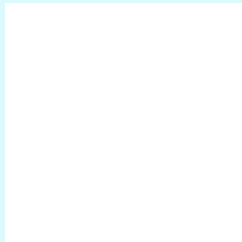
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 10.056, 213.672

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.056, 213.672.

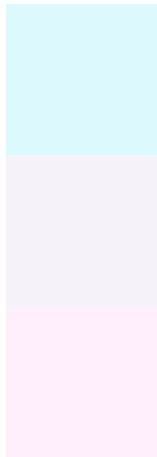


This preview shows how white text looks on a background with the CIELCh color 96, 10.056, 213.672.

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, 10.062, 213.673

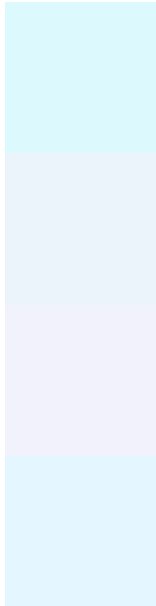
Protanopia
96, 4.255, 304.730

Deuteranopia
96, 9.381, 330.090



Tritanopia
96, 6.501, 251.484

Trichromacy



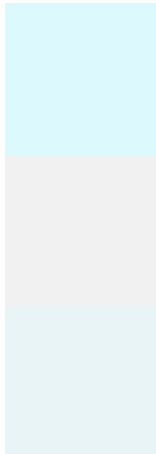
Original Color
96, 10.062, 213.673

Protanomaly
96, 4.492, 252.561

Deuteranomaly
96, 5.649, 290.624

Tritanomaly
96, 7.582, 236.737

Monochromacy



Original Color
96, 10.062, 213.673

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.936, 214.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.056, 213.672 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(220, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 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(220, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.056, 213.672 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(220, 249, 254) }
```

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

```
.border{ border-color:rgb(220, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.056, 213.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 254) }
```

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

```
.background{ background-color: rgb(220,  
249, 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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