

Converting Colors

CIELCh(96, 11.299, 209.462)

Have a look what the booklet for
CIELCh(96, 11.299, 209.462)
contains.

CIELCh(96, 11.243, 209.318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 11.243, 209.318)

Conversions

Conversions Part 1

Format	Color
Hex	D9FAFE
RGB	217, 250, 254
RGB Percent	85%, 98%, 100%
CMY	0.1503, 0.0209, 0.0052
CMYK	0.15, 0.02, 0.00, 0.01
HSL	186°, 93%, 92%
HSV	186°, 15%, 99%
XYZ	80.4433, 90.0078, 106.6264
YIQ	240.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

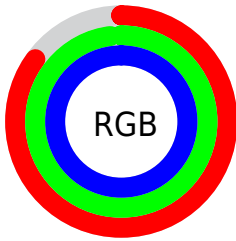
Format	Color
R _Y B	217, 234, 254
Decimal	14285566
CIE Lab	96.00, -9.80, -5.51
CIE LCh	96, 11.243, 209.318
Yxy	90.0078, 0.2903, 0.3248
Android (android.graphics.Color)	4292475646 (0xFFD9FAFE)
YUV	240.5890, 6.6116, -20.6876
Hunter-Lab	94.8724, -14.6749, -0.2248

Details

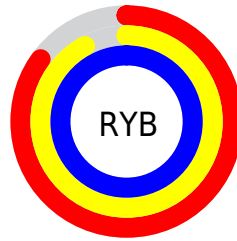
The CIELCh color **96, 11.243, 209.318** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.398, 29.753**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.271, 206.881** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.340, 209.295**, and if you desaturate by 10%, it is **98, 3.630, 209.527**.

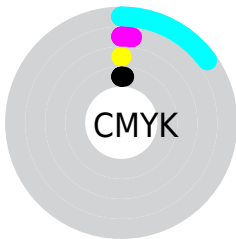
Distribution



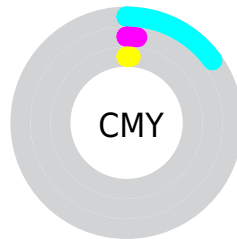
- Red (85%)
- Green (98%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (15%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 11.243, 209.318 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, 11.243, 209.318 by changing the saturation by 10% instead.


 96, 11.243,
209.318


 96, 11.243,
209.318


 100, 11.243,
209.318


 86, 11.243,
209.318

 76, 11.243,
209.318

 66, 11.243,
209.318

 56, 11.243,
209.318

 46, 11.243,
209.318

 36, 11.243,
209.318

 26, 11.243,

209.318

■ 16, 11.243,
209.318

■ 6, 11.243, 209.318

■ 96, 11.243,
209.318

■ 96, 11.243,
209.318

■ 94, 18.340,
209.295

■ 98, 3.630, 209.527

■ 92, 24.788,
209.429

100, 0.660,
110.011

■ 90, 30.456,
209.733

■ 88, 35.218,
210.242

■ 87, 38.977,
210.996

■ 85, 41.678,
212.042

■ 84, 43.330,
213.422

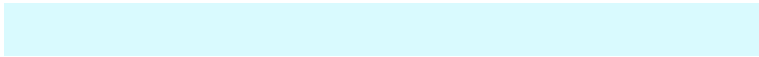
■ 83, 44.033,
215.172

■ 83, 44.142,
216.248

Harmonies

Complementary

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



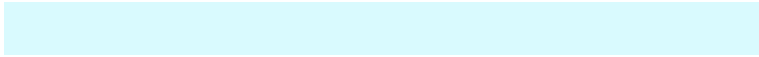
96, 11.243, 209.318



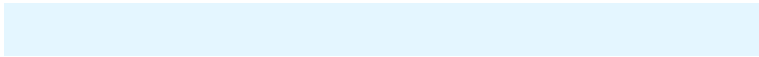
91, 12.398, 29.753

Rectangle

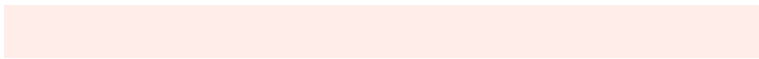
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



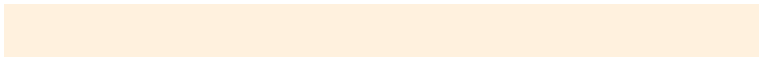
96, 11.243, 209.318



96, 11.243, 259.318



96, 11.243, 29.318



96, 11.243, 79.318

Sweetspot

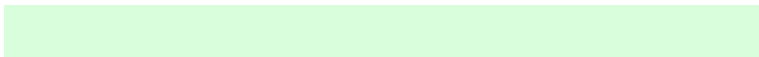
The Sweet Spot groups the original color and five complimentary colors.



96, 11.244, 209.308



99, 3.186, 209.561



96, 21.618, 146.347



53, 2.260, 209.518



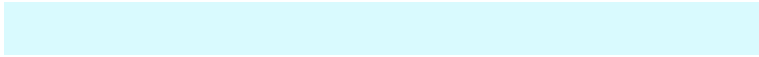
0, 0.000, 0.000



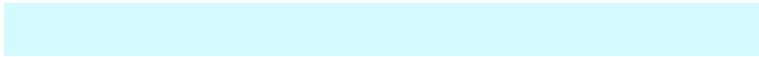
53, 0.007, 296.813

Same Dimension

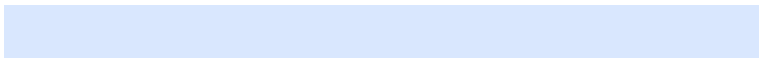
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 11.244, 209.308



96, 13.067, 209.292



91, 12.413, 267.498



52, 4.466, 209.375



64, 35.738, 215.870



21, 16.600, 213.244

Inverse Universe

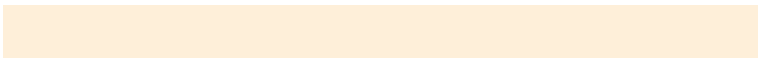
The Inverse Universe completely reimagines the original color for something new.



90, 21.536, 328.358



89, 25.237, 328.505



95, 12.601, 83.514



50, 8.410, 328.049



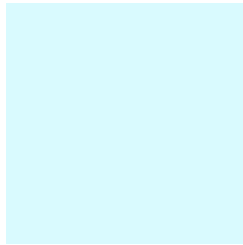
44, 85.506, 333.073



12, 39.739, 332.428

Previews

White Background



This preview shows how the CIE LCh color 96, 11.243, 209.318 looks on a white background.

Color Contrast Check

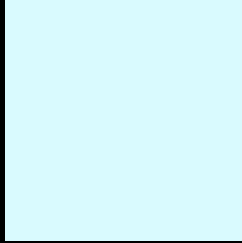
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 11.243, 209.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

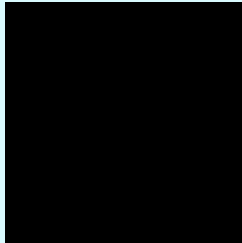
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 11.243, 209.318

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.243, 209.318.

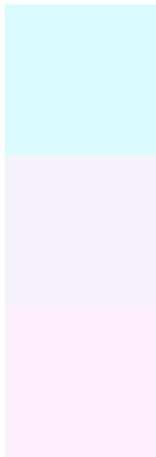


This preview shows how white text looks on a background with the CIELCh color 96, 11.243, 209.318.

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](#).

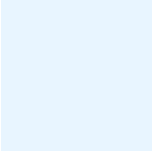
Dichromacy



Original Color
96, 11.243, 209.318

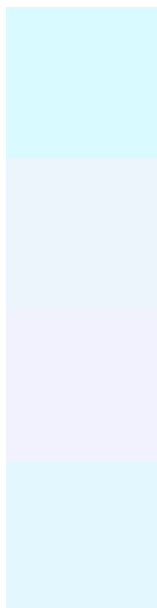
Protanopia
96, 3.877, 311.599

Deuteranopia
96, 9.381, 330.090



Tritanopia
96, 6.712, 249.205

Trichromacy



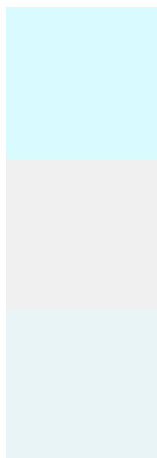
Original Color
96, 11.243, 209.318

Protanomaly
96, 4.580, 241.613

Deuteranomaly
96, 5.654, 287.123

Tritanomaly
96, 8.139, 229.412

Monochromacy



Original Color
96, 11.243, 209.318

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.190, 206.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.243, 209.318 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(217, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 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(217, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.243, 209.318 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(217, 250, 254) }
```

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

```
.border{ border-color:rgb(217, 250, 254) }
```

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

Here you see how a box with a 4 pixel rgb(217, 250, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.243, 209.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 254) }
```

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

```
.background{ background-color: rgb(217,  
250, 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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