

Converting Colors

CIELCh(96, 9.290, 194.587)

Have a look what the booklet for
CIELCh(96, 9.290, 194.587) contains.

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Color

CIELCh(96, 9.261, 195.696)

Conversions

Conversions Part 1

Format	Color
Hex	DEF9F8
RGB	222, 249, 248
RGB Percent	87%, 98%, 97%
CMY	0.1296, 0.0237, 0.0277
CMYK	0.11, 0.00, 0.00, 0.02
HSL	178°, 69%, 92%
HSV	178°, 11%, 98%
XYZ	80.8969, 90.0078, 101.8675
YIQ	240.8130, -15.7710, -6.0350

Conversions

Conversions Part 2

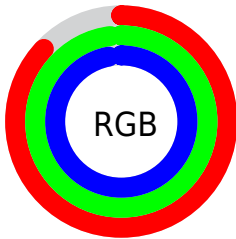
Format	Color
R _Y B	222, 236, 249
Decimal	14612984
CIE Lab	96.00, -8.92, -2.51
CIE LCh	96, 9.261, 195.696
Yxy	90.0078, 0.2966, 0.3300
Android (android.graphics.Color)	4292803064 (0xFFDEF9F8)
YUV	240.8130, 3.5432, -16.4990
Hunter-Lab	94.8724, -13.8214, 2.7492

Details

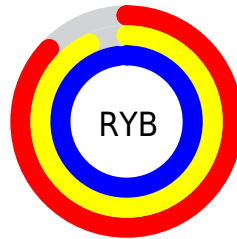
The CIELCh color **96, 9.261, 195.696** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 9.880, 17.055**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.301, 195.407** is the 20% darker color. If you saturate the color by 10%, you get **94, 17.320, 195.028**, and if you desaturate by 10%, it is **98, 0.737, 197.134**.

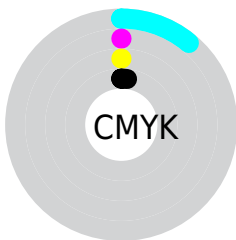
Distribution



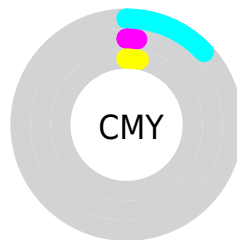
- Red (87%)
- Green (98%)
- Blue (97%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.261, 195.696 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, 9.261, 195.696 by changing the saturation by 10% instead.

 96, 9.261, 195.696

 96, 9.261, 195.696

 100, 9.261,
195.696

 86, 9.261, 195.696

 76, 9.261, 195.696

 66, 9.261, 195.696


 56, 9.261, 195.696

 46, 9.261, 195.696

 36, 9.261, 195.696

 26, 9.261, 195.696

 16, 9.261, 195.696

 6, 9.261, 195.696

96, 9.261, 195.696

96, 9.261, 195.696

94, 17.320,
195.028

98, 0.737, 197.134

93, 24.768,
194.416

98, 2.181, 7.855

92, 31.462,
193.835

98, 2.325, 356.444

91, 37.261,
193.281

98, 2.550, 346.704

90, 42.055,
192.751

98, 2.835, 338.736

90, 45.770,
192.238

98, 3.166, 332.333

89, 48.393,
191.732

98, 3.529, 327.199

89, 49.987,
191.222

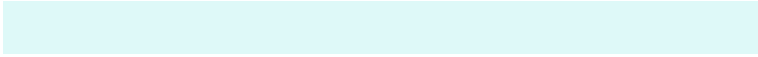
99, 3.770, 324.491

■ 89, 50.732,
190.743

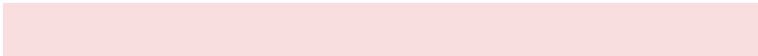
Harmonies

Complementary

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



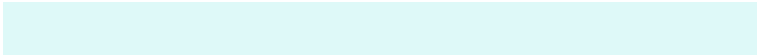
96, 9.261, 195.696



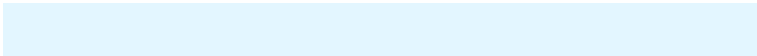
91, 9.880, 17.055

Rectangle

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



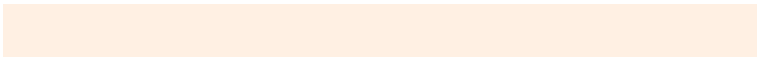
96, 9.261, 195.696



96, 9.261, 245.696



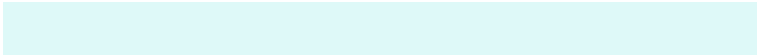
96, 9.261, 15.696



96, 9.261, 65.696

Sweetspot

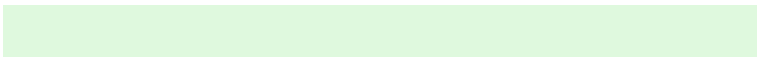
The Sweet Spot groups the original color and five complimentary colors.



96, 9.262, 195.685



99, 2.657, 196.366



95, 16.661, 142.507



53, 2.011, 196.262



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

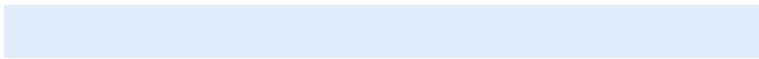
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 9.262, 195.685



98, 11.258, 195.536



93, 7.975, 251.238



51, 4.885, 195.780



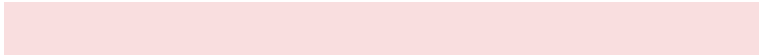
69, 41.176, 190.835



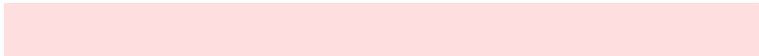
23, 18.553, 191.516

Inverse Universe

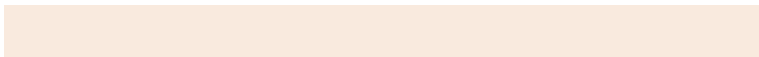
The Inverse Universe completely reimagines the original color for something new.



91, 9.880, 17.055



91, 12.173, 17.251



94, 8.261, 68.514



49, 5.168, 16.935



39, 81.774, 38.549



9, 31.926, 24.653

Previews

White Background



This preview shows how the CIELCh color 96, 9.261, 195.696 looks on a white background.

Color Contrast Check

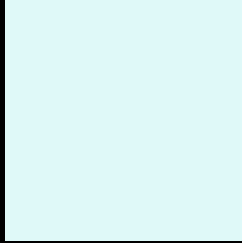
Large Text (above 18pt) WCAG AA × Fail

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, 9.261, 195.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

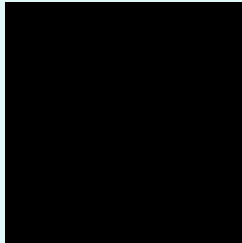
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

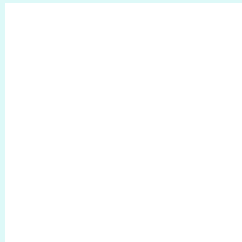
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.261, 195.696

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.261, 195.696.

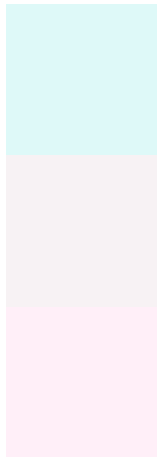


This preview shows how white text looks on a background with the CIELCh color 96, 9.261, 195.696.

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

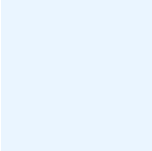
96, 9.261, 195.696

Protanopia

96, 2.056, 349.342

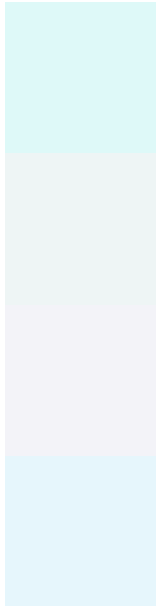
Deuteranopia

96, 7.326, 340.860



Tritanopia
96, 6.300, 253.916

Trichromacy



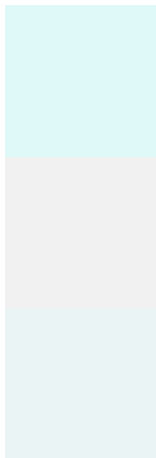
Original Color
96, 9.261, 195.696

Protanomaly
96, 2.444, 199.508

Deuteranomaly
96, 2.571, 290.404

Tritanomaly
96, 6.229, 228.838

Monochromacy



Original Color
96, 9.261, 195.696

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.485, 199.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.261, 195.696 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(222, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(222, 249, 248)  
}
```

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(222, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 249, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.261, 195.696 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(222, 249, 248) }
```

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

```
.border{ border-color:rgb(222, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(222, 249,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.261, 195.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 249, 248) }
```

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

```
.background{ background-color: rgb(222,  
249, 248) }
```

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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