

Converting Colors

CIELCh(96, 9.975, 203.580)

Have a look what the booklet for
CIELCh(96, 9.975, 203.580) contains.

CIELCh(96, 9.875, 204.826)	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, 9.875, 204.826)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9FB
RGB	220, 249, 251
RGB Percent	86%, 98%, 98%
CMY	0.1369, 0.0232, 0.0153
CMYK	0.12, 0.01, 0.00, 0.02
HSL	184°, 80%, 92%
HSV	184°, 12%, 98%
XYZ	80.8729, 90.0078, 104.4524
YIQ	240.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

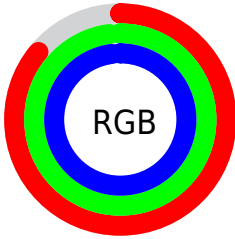
Format	Color
R _Y B	220, 235, 251
Decimal	14481915
CIE Lab	96.00, -8.96, -4.15
CIE LCh	96, 9.875, 204.826
Yxy	90.0078, 0.2937, 0.3269
Android (android.graphics.Color)	4292671995 (0xFFDC F9FB)
YUV	240.5570, 5.1484, -18.0285
Hunter-Lab	94.8724, -13.8665, 1.1337

Details

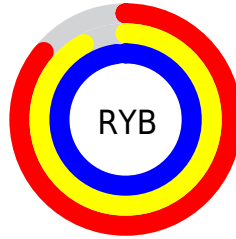
The CIELCh color **96, 9.875, 204.826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 10.713, 25.603**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.920, 204.960** is the 20% darker color. If you saturate the color by 10%, you get **94, 17.321, 204.558**, and if you desaturate by 10%, it is **98, 1.925, 205.392**.

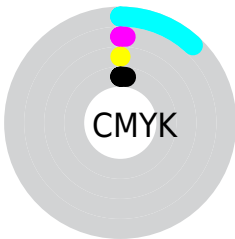
Distribution



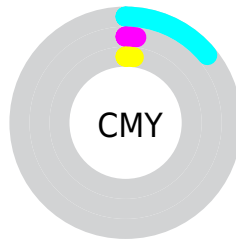
- Red (86%)
- Green (98%)
- Blue (98%)



- Red (86%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.875, 204.826 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, 9.875, 204.826 by changing the saturation by 10% instead.

 96, 9.875, 204.826

 96, 9.875, 204.826

 100, 9.875,
204.826

 86, 9.875, 204.826

 76, 9.875, 204.826

 66, 9.875, 204.826

 56, 9.875, 204.826

 46, 9.875, 204.826

 36, 9.875, 204.826

 26, 9.875, 204.826

 16, 9.875, 204.826

 6, 9.875, 204.826

96, 9.875, 204.826

96, 9.875, 204.826

94, 17.321,
204.558

98, 1.925, 205.392

92, 24.127,
204.411

99, 1.117, 52.985

100, 1.480, 95.554

91, 30.157,
204.381

100, 1.971,
109.992

89, 35.280,
204.488

88, 39.392,
204.755

87, 42.427,
205.203

86, 44.382,
205.856

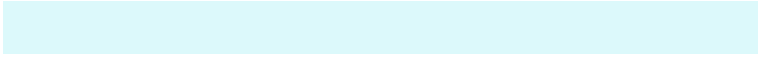
86, 45.328,
206.729

■ 85, 45.533,
207.530

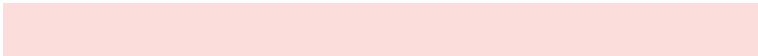
Harmonies

Complementary

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



96, 9.875, 204.826



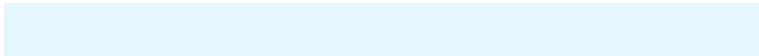
91, 10.713, 25.603

Rectangle

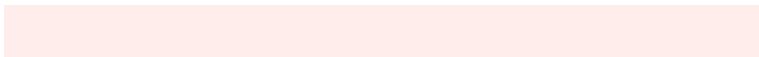
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 9.875, 204.826



96, 9.875, 254.826



96, 9.875, 24.826



96, 9.875, 74.826

Sweetspot

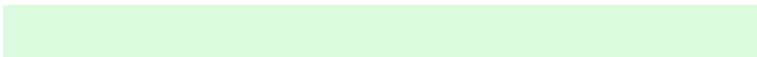
The Sweet Spot groups the original color and five complimentary colors.



96, 9.876, 204.815



99, 3.311, 205.197



96, 18.775, 145.060



53, 2.349, 205.141



0, 0.000, 0.000



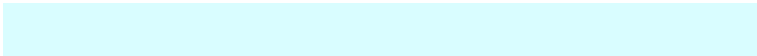
53, 0.007, 296.813

Same Dimension

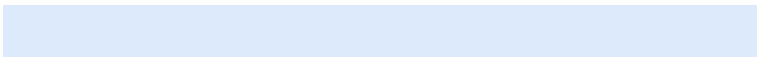
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 9.876, 204.815



97, 12.056, 204.734



92, 9.908, 262.375



51, 4.565, 204.913



66, 36.782, 207.321



21, 16.793, 205.829

Inverse Universe

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



91, 18.617, 326.906



91, 22.931, 327.063



94, 10.118, 79.023



49, 8.525, 326.737



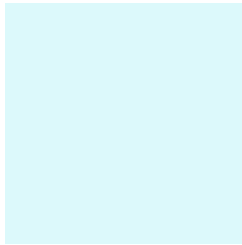
44, 87.611, 330.976



11, 39.893, 330.609

Previews

White Background



This preview shows how the CIELCh color 96, 9.875, 204.826 looks on a white background.

Color Contrast Check

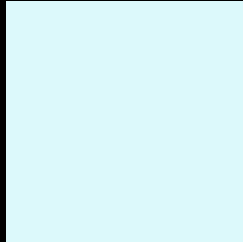
Large Text (above 18pt) WCAG AA × Fail

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, 9.875, 204.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

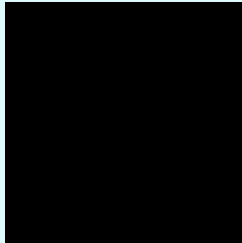
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 9.875, 204.826

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.875, 204.826.

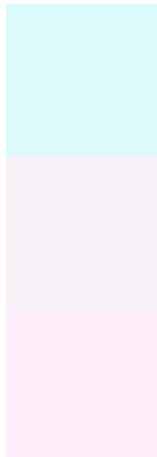


This preview shows how white text looks on a background with the CIELCh color 96, 9.875, 204.826.

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](#).

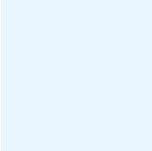
Dichromacy



Original Color
96, 9.875, 204.826

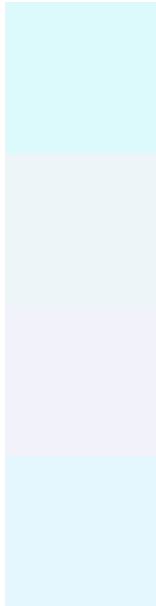
Protanopia
96, 2.946, 318.819

Deuteranopia
96, 8.008, 335.179



Tritanopia
96, 6.501, 251.484

Trichromacy



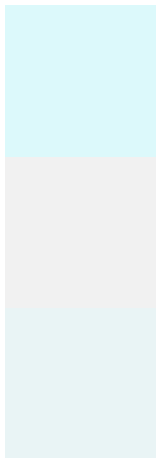
Original Color
96, 9.875, 204.826

Protanomaly
96, 3.154, 228.644

Deuteranomaly
96, 3.607, 284.946

Tritanomaly
96, 7.301, 233.412

Monochromacy



Original Color
96, 9.875, 204.826

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.850, 206.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.875, 204.826 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.875, 204.826 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, 251) }
```

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

```
.border{ border-color:rgb(220, 249, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.875, 204.826 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, 251) }
```

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

```
.background{ background-color: rgb(220,  
249, 251) }
```

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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