

Converting Colors

CIE LCh(96, 8.430, 212.113)

Have a look what the booklet for
CIELCh(96, 8.430, 212.113) contains.

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Color

CIELCh(96, 8.377, 213.181)

Conversions

Conversions Part 1

Format	Color
Hex	E0F8FC
RGB	224, 248, 252
RGB Percent	88%, 97%, 99%
CMY	0.1216, 0.0274, 0.0118
CMYK	0.11, 0.02, 0.00, 0.01
HSL	189°, 82%, 93%
HSV	189°, 11%, 99%
XYZ	81.8763, 90.0078, 105.1505
YIQ	241.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

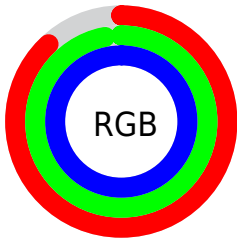
Format	Color
R _Y B	224, 237, 252
Decimal	14743804
CIE Lab	96.00, -7.01, -4.58
CIE LCh	96, 8.377, 213.181
Yxy	90.0078, 0.2955, 0.3249
Android (android.graphics.Color)	4292933884 (0xFFE0F8FC)
YUV	241.2800, 5.2850, -15.1546
Hunter-Lab	94.8724, -11.9787, 0.6975

Details

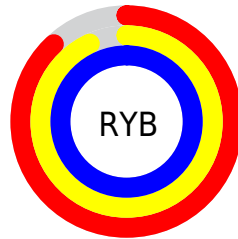
The CIELCh color `96, 8.377, 213.181` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 9.010, 33.086`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 8.289, 210.122` is the 20% darker color. If you saturate the color by 10%, you get `93, 15.441, 213.282`, and if you desaturate by 10%, it is `99, 0.860, 213.821`.

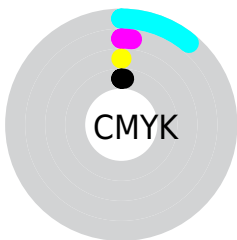
Distribution



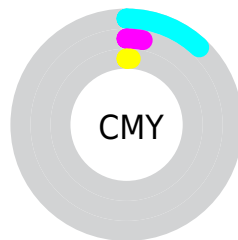
- Red (88%)
- Green (97%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.377, 213.181 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, 8.377, 213.181 by changing the saturation by 10% instead.

96, 8.377, 213.181

96, 8.377, 213.181

100, 8.377,
213.181

86, 8.377, 213.181

76, 8.377, 213.181

66, 8.377, 213.181

56, 8.377, 213.181

46, 8.377, 213.181

36, 8.377, 213.181

26, 8.377, 213.181

16, 8.377, 213.181

6, 8.377, 213.181

96, 8.377, 213.181

96, 8.377, 213.181

93, 15.441,
213.282

99, 0.860, 213.821

91, 21.929,
213.572

100, 1.511,
110.014

89, 27.717,
214.060

87, 32.681,
214.790

85, 36.715,
215.816

83, 39.750,
217.197

82, 41.775,
218.999

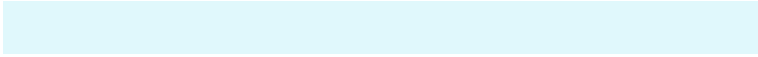
81, 42.863,
221.278

■ 80, 43.237,
223.683

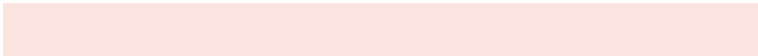
Harmonies

Complementary

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



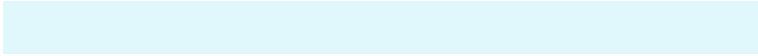
96, 8.377, 213.181



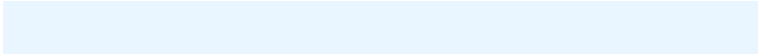
92, 9.010, 33.086

Rectangle

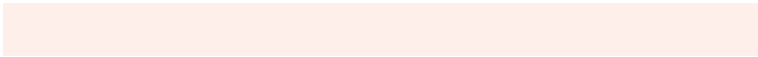
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.377, 213.181



96, 8.377, 263.181



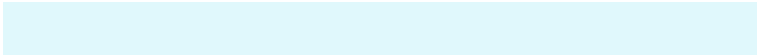
96, 8.377, 33.181



96, 8.377, 83.181

Sweetspot

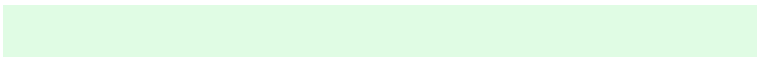
The Sweet Spot groups the original color and five complimentary colors.



96, 8.378, 213.166



99, 2.332, 213.339



96, 15.972, 147.619



53, 1.764, 213.279



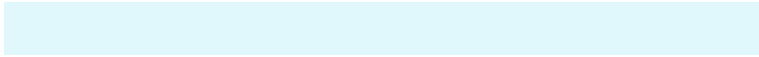
0, 0.000, 0.000



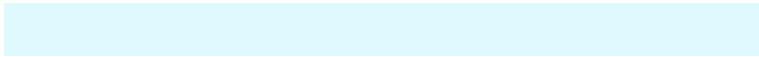
53, 0.007, 296.813

Same Dimension

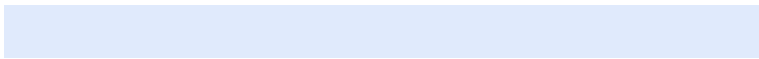
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 8.378, 213.166



97, 9.844, 213.174



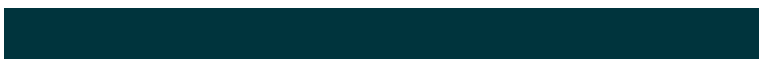
93, 9.735, 269.905



51, 4.276, 213.167



61, 34.811, 223.140



19, 15.856, 219.319

Inverse Universe

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



92, 15.903, 329.252



92, 18.806, 329.371



96, 9.789, 86.923



49, 8.073, 329.150



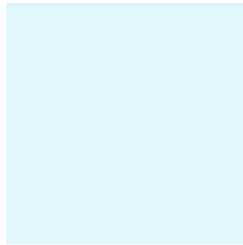
43, 82.406, 334.879



11, 37.808, 333.924

Previews

White Background



This preview shows how the CIELCh color 96, 8.377, 213.181 looks on a white background.

Color Contrast Check

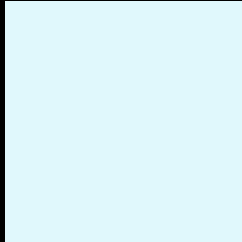
Large Text (above 18pt) WCAG AA × Fail

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, 8.377, 213.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

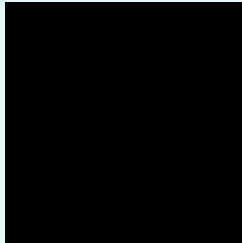
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.377, 213.181

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.377, 213.181.



This preview shows how white text looks on a background with the CIELCh color 96, 8.377, 213.181.

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](#).

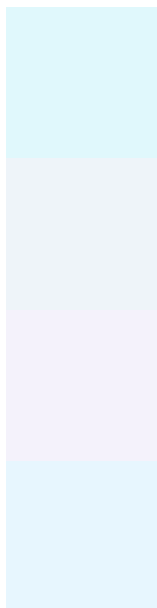
Dichromacy





Tritanopia
96, 6.110, 256.507

Trichromacy



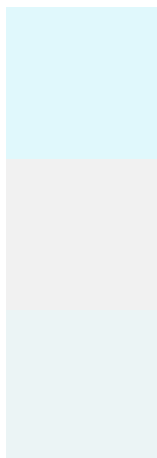
Original Color
96, 8.377, 213.181

Protanomaly
96, 3.280, 251.010

Deuteranomaly
96, 4.685, 299.080

Tritanomaly
96, 6.497, 238.442

Monochromacy



Original Color
96, 8.377, 213.181

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 3.168, 208.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.377, 213.181 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(224, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 248, 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(224, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 248, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.377, 213.181 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(224, 248, 252) }
```

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

```
.border{ border-color:rgb(224, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 248,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.377, 213.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 248, 252) }
```

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

```
.background{ background-color: rgb(224,  
248, 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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