

Converting Colors

CIELCh(96, 8.644, 225.168)

Have a look what the booklet for
CIELCh(96, 8.644, 225.168) contains.

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Color

CIELCh(96, 8.804, 223.112)

Conversions

Conversions Part 1

Format	Color
Hex	E0F8FF
RGB	224, 248, 255
RGB Percent	88%, 97%, 100%
CMY	0.1225, 0.0283, 0.0009
CMYK	0.12, 0.03, 0.00, 0.00
HSL	194°, 99%, 94%
HSV	194°, 12%, 100%
XYZ	82.1782, 90.0078, 107.4526
YIQ	241.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

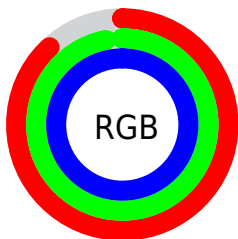
Format	Color
RYP	224, 238, 255
Decimal	14743807
CIELab	96.00, -6.43, -6.02
CIElCh	96, 8.804, 223.112
Yxy	90.0078, 0.2939, 0.3219
Android (android.graphics.Color)	4292933887 (0xFFE0F8FF)
YUV	241.6220, 6.5954, -15.4545
Hunter-Lab	94.8724, -11.4107, -0.7412

Details

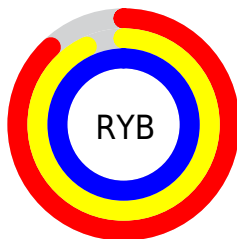
The CIELCh color **96, 8.804, 223.112** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 9.499, 42.063**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 8.655, 220.861** is the 20% darker color. If you saturate the color by 10%, you get **93, 15.588, 223.698**, and if you desaturate by 10%, it is **99, 1.607, 222.972**.

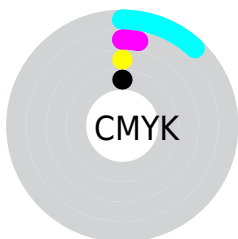
Distribution



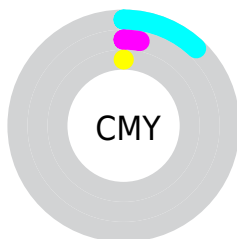
- Red (88%)
- Green (97%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.804, 223.112 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, 8.804, 223.112 by changing the saturation by 10% instead.

 96, 8.804, 223.112

 96, 8.804, 223.112

 100, 8.804,
223.112

 86, 8.804, 223.112

 76, 8.804, 223.112

 66, 8.804, 223.112

 56, 8.804, 223.112

 46, 8.804, 223.112

 36, 8.804, 223.112

 26, 8.804, 223.112

 16, 8.804, 223.112

 6, 8.804, 223.112

96, 8.804, 223.112

96, 8.804, 223.112

93, 15.588,
223.698

99, 1.607, 222.972

90, 21.855,
224.548

100, 0.106,
109.442

87, 27.495,
225.694

85, 32.402,
227.208

82, 36.494,
229.176

80, 39.727,
231.689

78, 42.128,
234.836

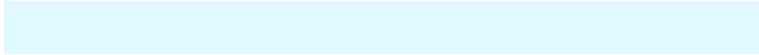
76, 43.815,
238.670

■ 74, 44.826,
242.075

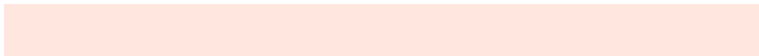
Harmonies

Complementary

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



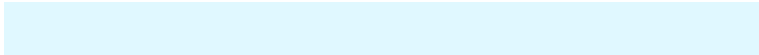
96, 8.804, 223.112



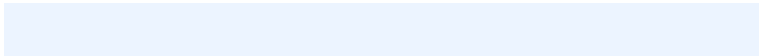
93, 9.499, 42.063

Rectangle

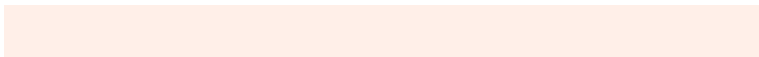
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



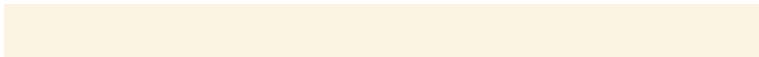
96, 8.804, 223.112



96, 8.804, 273.112



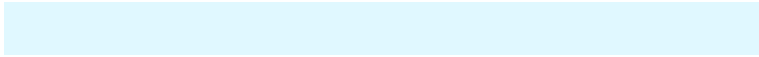
96, 8.804, 43.112



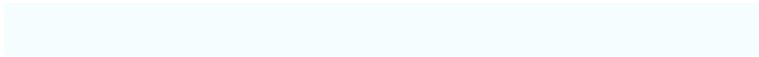
96, 8.804, 93.112

Sweetspot

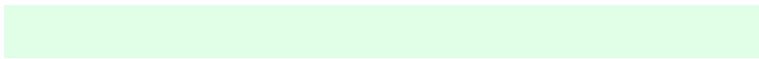
The Sweet Spot groups the original color and five complimentary colors.



96, 8.804, 223.098



99, 2.956, 222.861



97, 16.624, 150.314



52, 2.097, 222.858



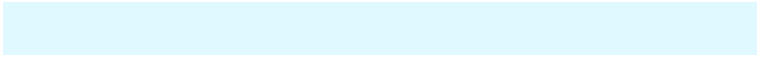
0, 0.000, 0.000



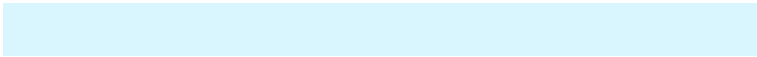
53, 0.007, 296.813

Same Dimension

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



96, 8.804, 223.098



95, 10.781, 223.243



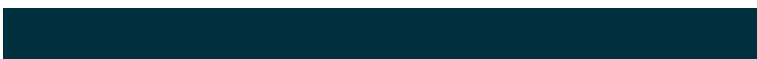
92, 11.804, 276.533



52, 4.146, 222.981



57, 36.009, 241.239



18, 16.273, 235.356

Inverse Universe

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



92, 16.579, 332.205



91, 20.489, 332.398



97, 11.745, 93.410



50, 7.740, 332.023



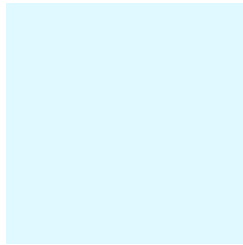
43, 78.191, 339.797



11, 36.696, 338.098

Previews

White Background



This preview shows how the CIELCh color 96, 8.804, 223.112 looks on a white background.

Color Contrast Check

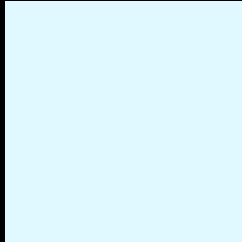
Large Text (above 18pt) WCAG AA × Fail

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, 8.804, 223.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

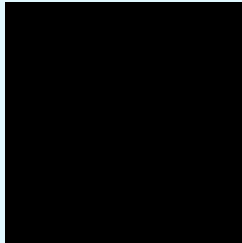
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

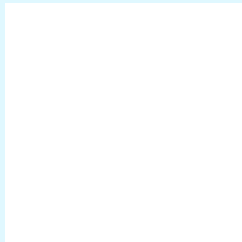
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.804, 223.112

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.804, 223.112.



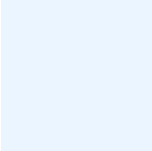
This preview shows how white text looks on a background with the CIELCh color 96, 8.804, 223.112.

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](#).

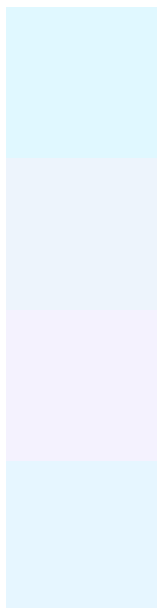
Dichromacy





Tritanopia
96, 6.300, 253.916

Trichromacy



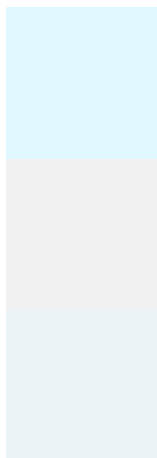
Original Color
96, 8.804, 223.112

Protanomaly
96, 4.726, 259.800

Deuteranomaly
96, 6.210, 297.055

Tritanomaly
96, 7.066, 240.063

Monochromacy



Original Color
96, 8.804, 223.112

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.159, 228.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.804, 223.112 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 248, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.804, 223.112 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, 255) }
```

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

```
.border{ border-color:rgb(224, 248, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 248,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.804, 223.112 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, 255) }
```

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

```
.background{ background-color: rgb(224,  
248, 255) }
```

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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