

Converting Colors

CIELCh(84, 22.915, 216.869)

Have a look what the booklet for
CIELCh(84, 22.915, 216.869)
contains.

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Color

CIELCh(84, 23.013, 216.872)

Conversions

Conversions Part 1

Format	Color
Hex	97DDEB
RGB	151, 221, 235
RGB Percent	59%, 87%, 92%
CMY	0.4091, 0.1346, 0.0797
CMYK	0.36, 0.06, 0.00, 0.08
HSL	190°, 67%, 76%
HSV	190°, 36%, 92%
XYZ	53.4187, 64.0658, 87.8952
YIQ	201.6660, -46.2140, -10.4860

Conversions

Conversions Part 2

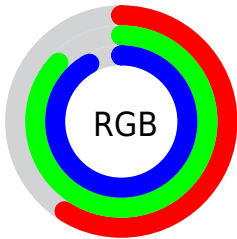
Format	Color
R _{YB}	151, 189, 235
Decimal	9952747
CIE Lab	84.00, -18.41, -13.81
CIE LCh	84, 23.013, 216.872
Yxy	64.0658, 0.2601, 0.3119
Android (android.graphics.Color)	4288142827 (0xFF97DDEB)
YUV	201.6660, 16.4337, -44.4341
Hunter-Lab	80.0411, -20.9425, -9.0791

Details

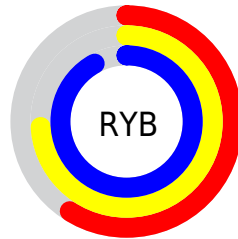
The CIELCh color **84, 23.013, 216.872** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 29.876, 36.173**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **64, 22.975, 216.241** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.087, 217.649**, and if you desaturate by 10%, it is **86, 17.250, 216.333**.

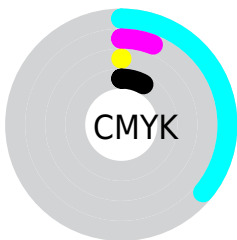
Distribution



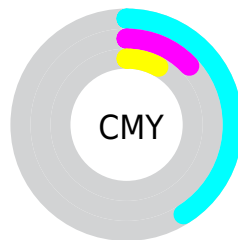
- Red (59%)
- Green (87%)
- Blue (92%)



- Red (59%)
- Yellow (74%)
- Blue (92%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (41%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.013, 216.872 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 84, 23.013, 216.872 by changing the saturation by 10% instead.

■ 84, 23.013,
216.872

■ 84, 23.013,
216.872

■ 100, 23.013,
216.872

■ 74, 23.013,
216.872

■ 64, 23.013,
216.872

■ 54, 23.013,
216.872

■ 44, 23.013,
216.872

■ 34, 23.013,
216.872

■ 24, 23.013,
216.872

■ 14, 23.013,

216.872

■ 4, 23.013, 216.872

■ 0, 23.013, 216.872

■ 84, 23.013,
216.872

■ 84, 23.013,
216.872

■ 82, 28.087,
217.649

■ 86, 17.250,
216.333

■ 80, 32.366,
218.731

■ 89, 10.912,
216.000

■ 78, 35.767,
220.183

■ 91, 4.111, 215.890

■ 76, 38.253,
222.076

■ 94, 3.051, 35.449

■ 75, 39.849,

■ 96, 6.017, 47.722

224.485

97, 6.192, 70.583

74, 40.671,
227.458

98, 7.231, 89.374

73, 40.896,
228.822

99, 8.827, 102.368

100, 10.292,
109.399

Harmonies

Complementary

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



84, 23.013, 216.872



74, 29.876, 36.173

Rectangle

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



84, 23.013, 216.872



84, 23.013, 266.872



84, 23.013, 36.872



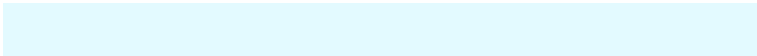
84, 23.013, 86.872

Sweetspot

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



84, 23.013, 216.869



97, 8.241, 215.910



86, 48.008, 146.040



51, 5.517, 215.931



0, 0.000, 0.000



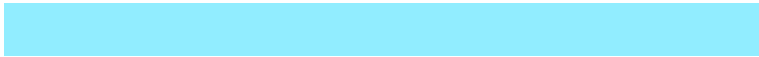
53, 0.007, 296.813

Same Dimension

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



84, 23.013, 216.869



89, 28.584, 217.420



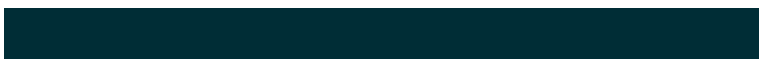
73, 30.637, 275.673



48, 3.995, 215.892



57, 33.669, 228.216



16, 14.458, 222.953

Inverse Universe

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



73, 47.531, 331.639



75, 60.557, 332.129



84, 31.104, 85.062



46, 7.537, 329.938



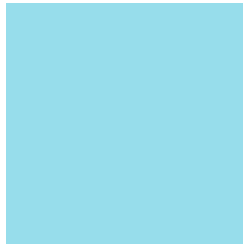
41, 78.485, 336.178



9, 34.242, 334.831

Previews

White Background



This preview shows how the CIELCh color 84, 23.013, 216.872 looks on a white background.

Color Contrast Check

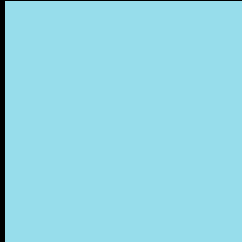
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.013, 216.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

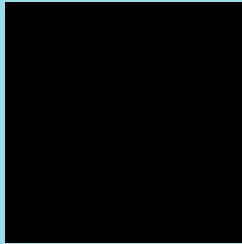
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.013, 216.872

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.013, 216.872.



This preview shows how white text looks on a background with the CIELCh color 84, 23.013, 216.872.

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
84, 23.251, 222.379

Trichromacy



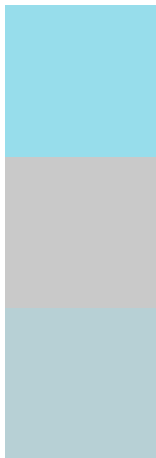
Original Color
84, 23.013, 216.872

Protanomaly
84, 12.159, 246.778

Deuteranomaly
83, 15.697, 270.170

Tritanomaly
84, 23.111, 221.085

Monochromacy



Original Color
84, 23.013, 216.872

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 9.043, 215.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.013, 216.872 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(151, 221, 235)` looks like.

```
.text, #text, p{  
    color:rgb(151, 221, 235)  
}
```

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(151, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 221, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.013, 216.872 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(151, 221, 235) }
```

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

```
.border{ border-color:rgb(151, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(151, 221,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.013, 216.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 221, 235) }
```

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

```
.background{ background-color: rgb(151,  
221, 235) }
```

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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