

Converting Colors

CIELCh(83, 24.690, 197.530)

Have a look what the booklet for
CIELCh(83, 24.690, 197.530)
contains.

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Color

CIELCh(83, 24.774, 197.710)

Conversions

Conversions Part 1

Format	Color
Hex	8FDCDC
RGB	143, 220, 220
RGB Percent	56%, 86%, 86%
CMY	0.4394, 0.1374, 0.1374
CMYK	0.35, 0.00, 0.00, 0.14
HSL	180°, 52%, 71%
HSV	180°, 35%, 86%
XYZ	49.8133, 62.1629, 77.0517
YIQ	196.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

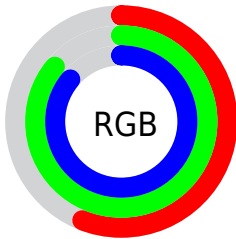
Format	Color
R _{YB}	143, 182, 220
Decimal	9428188
CIE _{Lab}	83.00, -23.60, -7.54
CIE _{LCh}	83, 24.774, 197.710
Y _{xy}	62.1629, 0.2635, 0.3289
Android (android.graphics.Color)	4287618268 (0xFF8FDCDC)
YUV	196.9770, 11.3503, -47.3378
Hunter-Lab	78.8435, -25.1999, -2.7522

Details

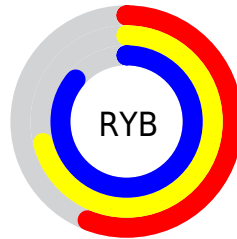
The CIELCh color **83, 24.774, 197.710** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 31.632, 22.572**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **63, 24.838, 197.305** is the 20% darker color. If you saturate the color by 10%, you get **82, 30.385, 197.327**, and if you desaturate by 10%, it is **84, 18.407, 198.148**.

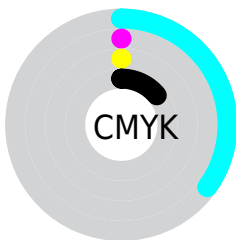
Distribution



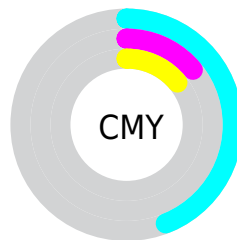
- Red (56%)
- Green (86%)
- Blue (86%)



- Red (56%)
- Yellow (71%)
- Blue (86%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)





- Cyan (44%)
- Magenta (14%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 24.774, 197.710 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 83, 24.774, 197.710 by changing the saturation by 10% instead.


 83, 24.774,
197.710


 83, 24.774,
197.710


 100, 24.774,
197.710


 73, 24.774,
197.710

 63, 24.774,
197.710

 53, 24.774,
197.710

 43, 24.774,
197.710

 33, 24.774,
197.710

 23, 24.774,
197.710

 13, 24.774,

197.710

■ 3, 24.774, 197.710

■ 0, 24.774, 197.710

■ 83, 24.774,
197.710

■ 83, 24.774,
197.710

■ 82, 30.385,
197.327

■ 84, 18.407,
198.148

■ 81, 35.129,
197.012

■ 85, 11.408,
198.651

■ 81, 38.925,
196.763

■ 87, 3.906, 199.277

■ 80, 41.736,
196.580

■ 89, 3.979, 19.538

■ 90, 12.139, 20.227

■ 80, 43.580,

196.461

91, 12.915, 20.285

80, 44.548,
196.399

91, 12.915, 20.284

80, 44.822,
196.381

91, 12.915, 20.282

91, 12.915, 20.281

Harmonies

Complementary

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



83, 24.774, 197.710



67, 31.632, 22.572

Rectangle

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



83, 24.774, 197.710



83, 24.774, 247.710



83, 24.774, 17.710



83, 24.774, 67.710

Sweetspot

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



83, 24.774, 197.707



98, 9.531, 198.870



81, 49.203, 141.505



52, 6.380, 198.792



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 24.774, 197.707



94, 32.397, 197.422



73, 23.379, 259.308



45, 4.371, 198.969



64, 37.532, 196.382



16, 15.074, 196.382

Inverse Universe

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



67, 31.632, 22.572



73, 43.869, 23.710



76, 26.079, 69.322



43, 4.639, 19.929



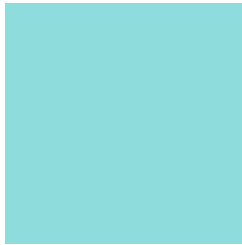
36, 78.234, 39.927



5, 23.840, 20.267

Previews

White Background



This preview shows how the CIELCh color 83, 24.774, 197.710 looks on a white background.

Color Contrast Check

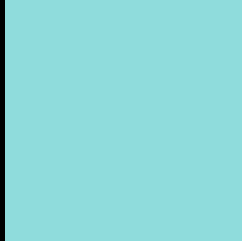
Large Text (above 18pt) WCAG AA × Fail

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 83, 24.774, 197.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

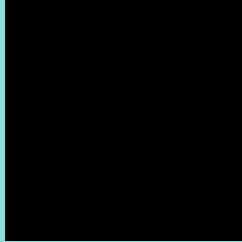
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

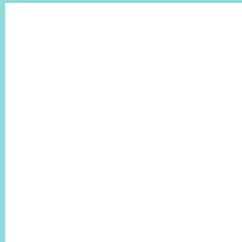
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 24.774, 197.710

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.774, 197.710.

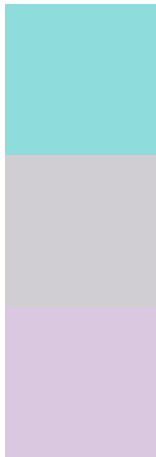


This preview shows how white text looks on a background with the CIELCh color 83, 24.774, 197.710.

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
83, 24.774, 197.710

Protanopia
83, 3.374, 309.155

Deuteranopia
83, 14.139, 316.434



Tritanopia
83, 23.616, 220.571

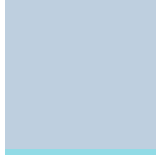
Trichromacy



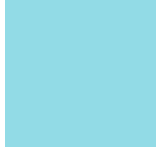
Original Color
83, 24.774, 197.710



Protanomaly
82, 9.249, 212.113



Deuteranomaly
82, 10.173, 255.796

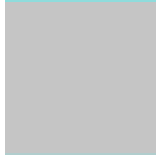


Tritanomaly
83, 23.573, 212.304

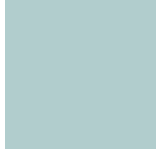
Monochromacy



Original Color
83, 24.774, 197.710



Achromatopsia
80, 0.010, 296.813



Achromatomaly
80, 9.845, 198.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.774, 197.710 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(143, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(143, 220, 220)  
}
```

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(143, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 220, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.774, 197.710 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(143, 220, 220) }
```

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

```
.border{ border-color:rgb(143, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(143, 220,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.774, 197.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 220, 220) }
```

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

```
.background{ background-color: rgb(143,  
220, 220) }
```

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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