

Converting Colors

CIELCh(84, 24.299, 192.735)

Have a look what the booklet for
CIELCh(84, 24.299, 192.735)
contains.

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Color

CIELCh(84, 24.306, 192.726)

Conversions

Conversions Part 1

Format	Color
Hex	95DFDB
RGB	149, 223, 219
RGB Percent	58%, 87%, 86%
CMY	0.4169, 0.1267, 0.1424
CMYK	0.33, 0.00, 0.02, 0.13
HSL	177°, 53%, 73%
HSV	177°, 33%, 87%
XYZ	51.3870, 64.0658, 76.4596
YIQ	200.4180, -42.8200, -16.9320

Conversions

Conversions Part 2

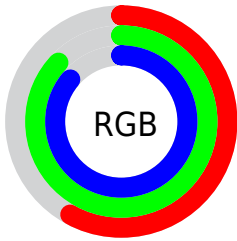
Format	Color
R _{YB}	149, 187, 223
Decimal	9822171
CIE _{Lab}	84.00, -23.71, -5.35
CIE _{LCh}	84, 24.306, 192.726
Yxy	64.0658, 0.2678, 0.3338
Android (android.graphics.Color)	4288012251 (0xFF95DFDB)
YUV	200.4180, 9.1609, -45.0936
Hunter-Lab	80.0411, -25.4735, -0.6082

Details

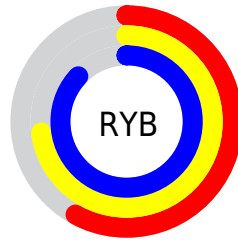
The CIELCh color **84, 24.306, 192.726** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 29.888, 18.239**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **64, 24.574, 192.079** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.329, 192.077**, and if you desaturate by 10%, it is **85, 17.584, 193.385**.

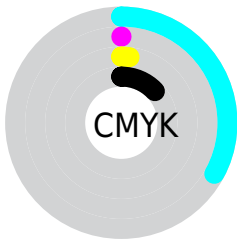
Distribution



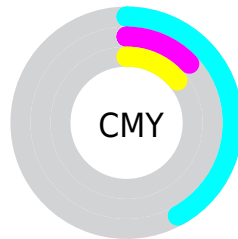
- Red (58%)
- Green (87%)
- Blue (86%)



- Red (58%)
- Yellow (73%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 24.306, 192.726 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, 24.306, 192.726 by changing the saturation by 10% instead.


 84, 24.306,
192.726

 84, 24.306,
192.726


 100, 24.306,
192.726


 74, 24.306,
192.726

 64, 24.306,
192.726

 54, 24.306,
192.726

 44, 24.306,
192.726

 34, 24.306,
192.726

 24, 24.306,
192.726

 14, 24.306,

192.726

■ 4, 24.306, 192.726

■ 0, 24.306, 192.726

■ 84, 24.306,
192.726

■ 84, 24.306,
192.726

■ 83, 30.329,
192.077

■ 85, 17.584,
193.385

■ 82, 35.529,
191.442

■ 87, 10.293,
194.075

■ 81, 39.806,
190.811

■ 88, 2.565, 194.925

■ 81, 43.102,
190.173

■ 90, 5.481, 15.273

■ 81, 45.414,

■ 91, 11.864, 15.191

189.517

91, 11.912, 12.221

80, 46.810,
188.826

91, 11.993, 9.283

80, 47.379,
188.341

91, 12.105, 6.392

91, 12.249, 3.564

Harmonies

Complementary

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



84, 24.306, 192.726



69, 29.888, 18.239

Rectangle

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



84, 24.306, 192.726



84, 24.306, 242.726



84, 24.306, 12.726



84, 24.306, 62.726

Sweetspot

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



84, 24.307, 192.723



98, 8.750, 194.304



83, 46.479, 140.479



52, 5.951, 194.200



0, 0.000, 0.000



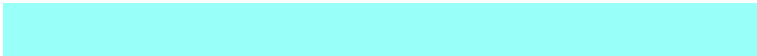
53, 0.007, 296.813

Same Dimension

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



84, 24.307, 192.723



94, 31.736, 192.265



75, 21.454, 252.935



46, 4.486, 194.351



65, 39.702, 188.460



17, 16.174, 189.701

Inverse Universe

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



69, 29.888, 18.239



74, 41.028, 19.361



77, 24.513, 64.197



44, 4.734, 15.559



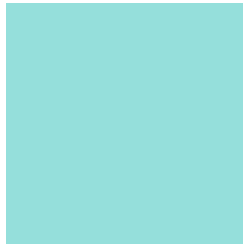
36, 76.839, 37.752



6, 25.420, 18.666

Previews

White Background



This preview shows how the CIE LCh color 84, 24.306, 192.726 looks on a white background.

Color Contrast Check

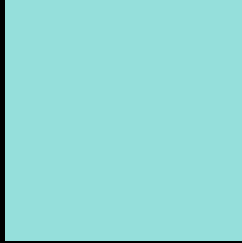
Large Text (above 18pt) WCAG AA × Fail

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, 24.306, 192.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

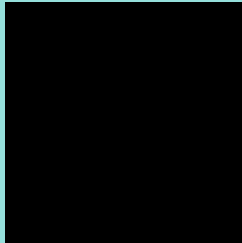
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

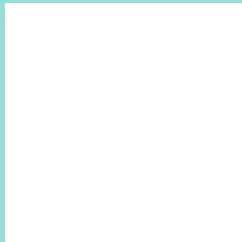
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 24.306, 192.726

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.306, 192.726.

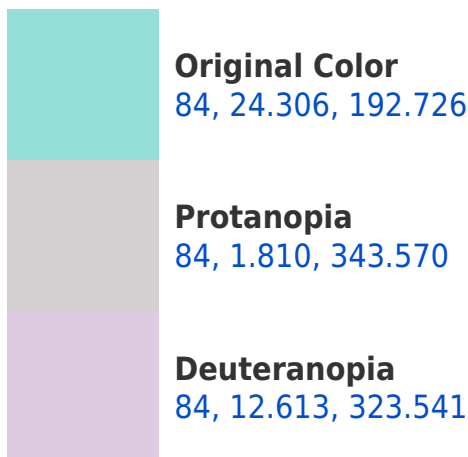


This preview shows how white text looks on a background with the CIELCh color 84, 24.306, 192.726.

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, 22.610, 221.653

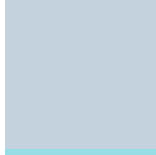
Trichromacy



Original Color
84, 24.306, 192.726



Protanomaly
84, 8.433, 198.864



Deuteranomaly
83, 7.721, 248.133

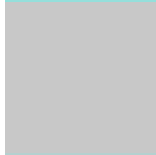


Tritanomaly
84, 22.673, 210.132

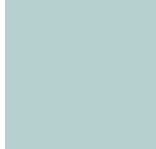
Monochromacy



Original Color
84, 24.306, 192.726



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 9.532, 195.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.306, 192.726 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(149, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(149, 223, 219)  
}
```

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(149, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 223, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.306, 192.726 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(149, 223, 219) }
```

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

```
.border{ border-color:rgb(149, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(149, 223,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.306, 192.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 223, 219) }
```

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

```
.background{ background-color: rgb(149,  
223, 219) }
```

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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