

Converting Colors

CIELCh(81, 24.567, 173.015)

Have a look what the booklet for
CIELCh(81, 24.567, 173.015)
contains.

CIELCh(81, 24.475, 173.230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 24.475, 173.230)

Conversions

Conversions Part 1

Format	Color
Hex	96D6C3
RGB	150, 214, 195
RGB Percent	59%, 84%, 76%
CMY	0.4120, 0.1611, 0.2356
CMYK	0.30, 0.00, 0.09, 0.16
HSL	162°, 44%, 71%
HSV	162°, 30%, 84%
XYZ	46.4358, 58.4711, 60.4266
YIQ	192.6980, -32.0450, -19.4770

Conversions

Conversions Part 2

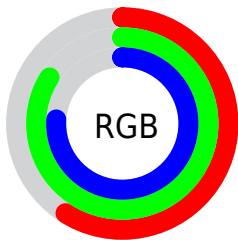
Format	Color
RYB	150, 188, 214
Decimal	9885379
CIELab	81.00, -24.30, 2.89
CIELCh	81, 24.475, 173.230
Yxy	58.4711, 0.2809, 0.3537
Android (android.graphics.Color)	4288075459 (0xFF96D6C3)
YUV	192.6980, 1.1349, -37.4461
Hunter-Lab	76.4664, -25.4185, 6.6733

Details

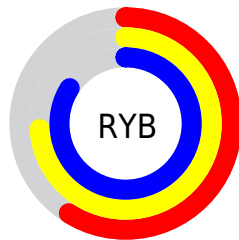
The CIELCh color **81, 24.475, 173.230** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 26.770, 359.486**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.454, 193.023**, and **61, 24.516, 172.737** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.983, 172.060**, and if you desaturate by 10%, it is **82, 16.543, 174.304**.

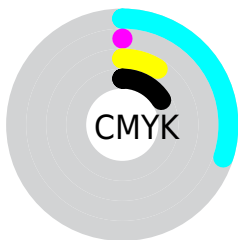
Distribution



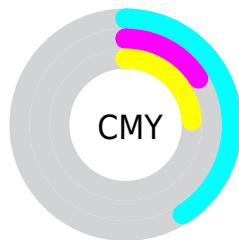
- Red (59%)
- Green (84%)
- Blue (76%)



- Red (59%)
- Yellow (74%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (41%)
- Magenta (16%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 24.475, 173.230 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 81, 24.475, 173.230 by changing the saturation by 10% instead.


 81, 24.475,
173.230


 81, 24.475,
173.230


 100, 24.475,
173.230


 71, 24.475,
173.230

 61, 24.475,
173.230

 51, 24.475,
173.230

 41, 24.475,
173.230

 31, 24.475,
173.230

 21, 24.475,
173.230

 11, 24.475,

173.230

■ 1, 24.475, 173.230

■ 0, 24.475, 173.230

■ 81, 24.475,
173.230

■ 81, 24.475,
173.230

■ 80, 31.983,
172.060

■ 82, 16.543,
174.304

■ 79, 38.920,
170.778

■ 84, 8.318, 175.320

■ 78, 45.155,
169.355

■ 86, 0.077, 349.658

■ 87, 8.540, 356.988

■ 77, 50.579,
167.768

■ 89, 16.345,
356.811

■ 77, 55.132,

165.992

89, 17.817,
346.992

76, 58.824,
164.017

90, 19.748,
338.928

76, 61.829,
161.891

90, 22.015,
332.463

76, 61.854,
161.873

90, 24.524,
327.314

Harmonies

Complementary

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



81, 24.475, 173.230



69, 26.770, 359.486

Rectangle

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



81, 24.475, 173.230



81, 24.475, 223.230



81, 24.475, 353.230



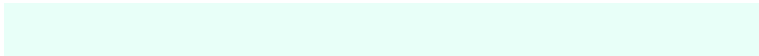
81, 24.475, 43.230

Sweetspot

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



81, 24.476, 173.228



98, 8.711, 175.404



81, 37.701, 134.304



52, 6.047, 175.255



0, 0.000, 0.000



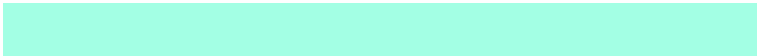
53, 0.007, 296.813

Same Dimension

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



81, 24.476, 173.228



94, 33.534, 172.487



78, 17.976, 220.864



44, 4.768, 175.370



62, 52.009, 162.239



15, 19.043, 166.862

Inverse Universe

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



69, 26.770, 359.486



77, 37.435, 0.445



71, 22.110, 39.220



42, 4.901, 357.011



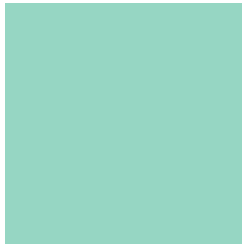
36, 64.925, 21.029



5, 22.268, 6.391

Previews

White Background



This preview shows how the CIE LCh color 81, 24.475, 173.230 looks on a white background.

Color Contrast Check

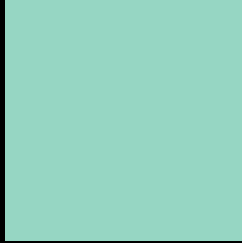
Large Text (above 18pt) WCAG AA × Fail

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 81, 24.475, 173.230 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

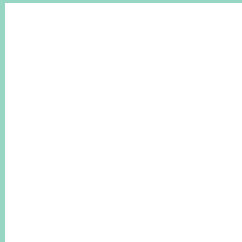
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 24.475, 173.230

Background



This preview shows how black text looks on a background with the CIELCh color 81, 24.475, 173.230.

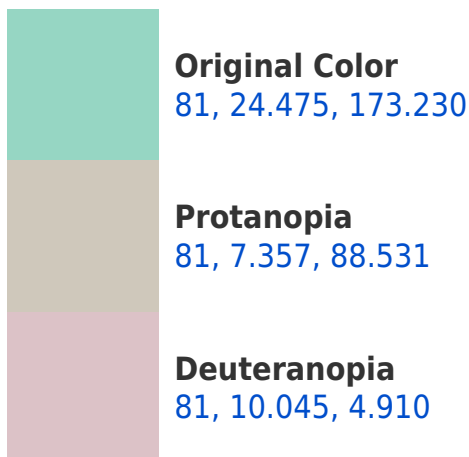


This preview shows how white text looks on a background with the CIELCh color 81, 24.475, 173.230.

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
81, 18.856, 227.199

Trichromacy



Original Color
81, 24.475, 173.230

Protanomaly
81, 10.646, 150.323

Deuteranomaly
80, 2.720, 163.559

Tritanomaly
81, 18.961, 204.586

Monochromacy



Original Color
81, 24.475, 173.230

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 9.477, 175.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 24.475, 173.230 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(150, 214, 195)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 195)  
}
```

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(150, 214, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 24.475, 173.230 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(150, 214, 195) }
```

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

```
.border{ border-color:rgb(150, 214, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 195);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 24.475, 173.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 195) }
```

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

```
.background{ background-color: rgb(150,  
214, 195) }
```

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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