

Converting Colors

CIELCh(81, 24.253, 221.405)

Have a look what the booklet for
CIELCh(81, 24.253, 221.405)
contains.

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Color

CIELCh(81, 24.253, 221.405)

Conversions

Conversions Part 1

Format	Color
Hex	8BD4E6
RGB	139, 212, 230
RGB Percent	55%, 83%, 90%
CMY	0.4538, 0.1675, 0.0969
CMYK	0.40, 0.08, 0.00, 0.10
HSL	192°, 65%, 72%
HSV	192°, 40%, 90%
XYZ	48.6321, 58.4711, 83.7969
YIQ	192.2250, -49.2860, -9.8780

Conversions

Conversions Part 2

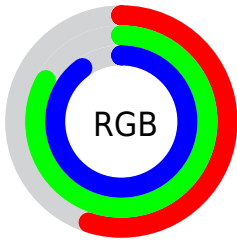
Format	Color
RYB	139, 180, 230
Decimal	9164006
CIELab	81.00, -18.19, -16.04
CIELCh	81, 24.253, 221.405
Yxy	58.4711, 0.2548, 0.3063
Android (android.graphics.Color)	4287354086 (0xFF8BD4E6)
YUV	192.2250, 18.6231, -46.6783
Hunter-Lab	76.4664, -20.2914, -11.4474

Details

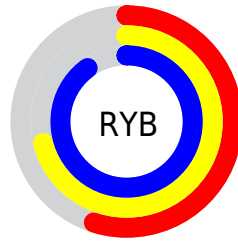
The CIELCh color **81, 24.253, 221.405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 32.338, 39.222**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **61, 24.207, 221.166** is the 20% darker color. If you saturate the color by 10%, you get **79, 28.957, 222.556**, and if you desaturate by 10%, it is **83, 18.867, 220.555**.

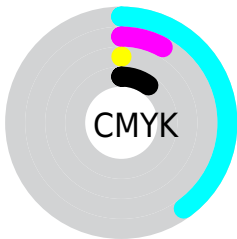
Distribution



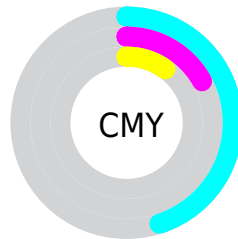
- Red (55%)
- Green (83%)
- Blue (90%)



- Red (55%)
- Yellow (71%)
- Blue (90%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)





- Cyan (45%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 24.253, 221.405 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, 24.253, 221.405 by changing the saturation by 10% instead.


 81, 24.253,
221.405


 81, 24.253,
221.405


 100, 24.253,
221.405


 71, 24.253,
221.405

 61, 24.253,
221.405

 51, 24.253,
221.405

 41, 24.253,
221.405

 31, 24.253,
221.405

 21, 24.253,
221.405

 11, 24.253,

221.405

■ 1, 24.253, 221.405

■ 0, 24.253, 221.405

■ 81, 24.253,
221.405

■ 81, 24.253,
221.405

■ 79, 28.957,
222.556

■ 83, 18.867,
220.555

■ 77, 32.888,
224.088

■ 86, 12.905,
219.957

■ 75, 35.986,
226.080

■ 89, 6.472, 219.579

■ 73, 38.243,
228.619

■ 92, 0.334, 37.402

■ 94, 7.427, 38.968

■ 71, 39.727,

231.775

96, 7.324, 60.166

70, 40.646,
235.515

97, 8.077, 80.533

70, 40.689,
235.699

98, 9.632, 95.802

99, 11.665,
106.238

Harmonies

Complementary

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



81, 24.253, 221.405



72, 32.338, 39.222

Rectangle

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



81, 24.253, 221.405



81, 24.253, 271.405



81, 24.253, 41.405



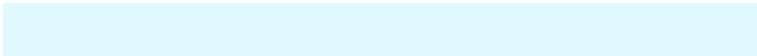
81, 24.253, 91.405

Sweetspot

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



81, 24.253, 221.402



96, 8.806, 219.653



84, 50.815, 146.712



51, 5.820, 219.697



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, 24.253, 221.402



87, 30.202, 222.265



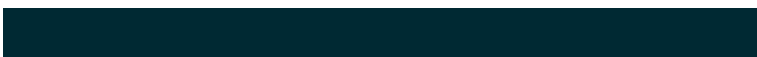
69, 34.874, 279.032



47, 3.853, 219.578



55, 33.576, 234.982



15, 13.981, 228.335

Inverse Universe

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



70, 50.412, 333.043



73, 64.359, 333.595



82, 34.825, 87.293



45, 7.240, 331.013



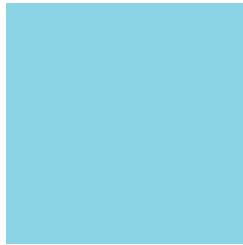
40, 75.873, 337.994



8, 32.569, 336.209

Previews

White Background



This preview shows how the CIE LCh color 81, 24.253, 221.405 looks on a white background.

Color Contrast Check

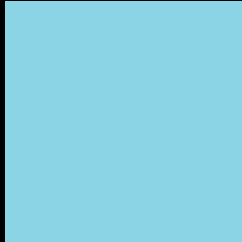
Large Text (above 18pt) WCAG AA × Fail

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, 24.253, 221.405 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, 24.253, 221.405

Background



This preview shows how black text looks on a background with the CIELCh color 81, 24.253, 221.405.



This preview shows how white text looks on a background with the CIELCh color 81, 24.253, 221.405.

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

81, 24.253, 221.405

Protanopia

81, 12.238, 289.634

Deuteranopia

81, 21.068, 300.364

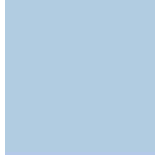


Tritanopia
81, 24.253, 221.405

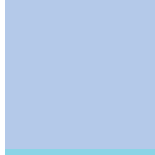
Trichromacy



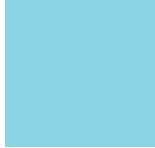
Original Color
81, 24.253, 221.405



Protanomaly
81, 14.167, 251.282



Deuteranomaly
80, 18.194, 269.186

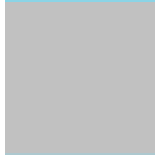


Tritanomaly
81, 24.253, 221.405

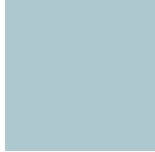
Monochromacy



Original Color
81, 24.253, 221.405



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.017, 220.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 24.253, 221.405 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(139, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(139, 212, 230)  
}
```

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(139, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 212, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 24.253, 221.405 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(139, 212, 230) }
```

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

```
.border{ border-color:rgb(139, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(139, 212,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 24.253, 221.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 212, 230) }
```

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

```
.background{ background-color: rgb(139,  
212, 230) }
```

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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