

Converting Colors

CIELCh(81, 24.465, 211.901)

Have a look what the booklet for
CIELCh(81, 24.465, 211.901)
contains.

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Color

CIELCh(81, 24.365, 211.827)

Conversions

Conversions Part 1

Format	Color
Hex	89D5E0
RGB	137, 213, 224
RGB Percent	54%, 84%, 88%
CMY	0.4616, 0.1636, 0.1204
CMYK	0.39, 0.05, 0.00, 0.12
HSL	188°, 59%, 71%
HSV	188°, 39%, 88%
XYZ	47.7219, 58.4711, 79.4954
YIQ	191.5300, -48.8270, -12.6910

Conversions

Conversions Part 2

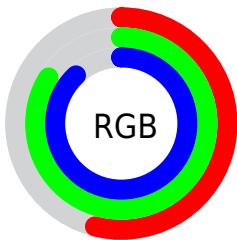
Format	Color
RYB	137, 178, 224
Decimal	9033184
CIELab	81.00, -20.70, -12.85
CIElCh	81, 24.365, 211.827
Yxy	58.4711, 0.2570, 0.3149
Android (android.graphics.Color)	4287223264 (0xFF89D5E0)
YUV	191.5300, 16.0077, -47.8228
Hunter-Lab	76.4664, -22.4161, -8.1121

Details

The CIELCh color **81, 24.365, 211.827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 32.507, 32.786**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **61, 24.401, 212.306** is the 20% darker color. If you saturate the color by 10%, you get **79, 29.128, 212.348**, and if you desaturate by 10%, it is **83, 18.870, 211.505**.

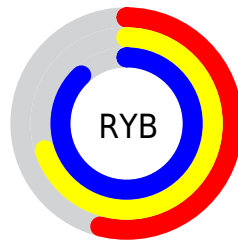
Distribution



Red (54%)

Green (84%)

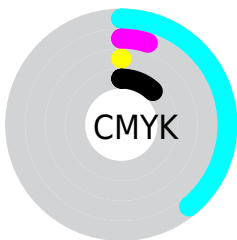
Blue (88%)



Red (54%)

Yellow (70%)

Blue (88%)

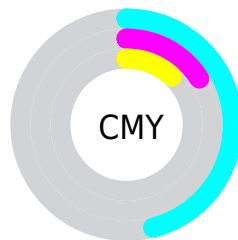


Cyan (39%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (46%)


Magenta (16%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 24.365, 211.827 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, 24.365, 211.827 by changing the saturation by 10% instead.


 81, 24.365,
211.827


 81, 24.365,
211.827


 100, 24.365,
211.827


 71, 24.365,
211.827

 61, 24.365,
211.827

 51, 24.365,
211.827

 41, 24.365,
211.827

 31, 24.365,
211.827

 21, 24.365,
211.827

 11, 24.365,

211.827

■ 1, 24.365, 211.827

■ 0, 24.365, 211.827

■ 81, 24.365,
211.827

■ 81, 24.365,
211.827

■ 79, 29.128,
212.348

■ 83, 18.870,
211.505

■ 78, 33.056,
213.120

■ 85, 12.758,
211.355

■ 76, 36.076,
214.192

■ 87, 6.144, 211.370

■ 75, 38.159,
215.616

■ 90, 0.865, 30.637

■ 92, 8.173, 31.403

■ 74, 39.344,

217.445

93, 9.556, 38.737

73, 39.790,
219.687

94, 9.200, 49.308

73, 39.828,
219.969

95, 9.179, 60.302

95, 9.493, 70.932

Harmonies

Complementary

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



81, 24.365, 211.827



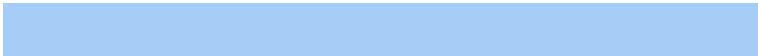
69, 32.507, 32.786

Rectangle

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



81, 24.365, 211.827



81, 24.365, 261.827



81, 24.365, 31.827



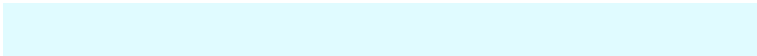
81, 24.365, 81.827

Sweetspot

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



81, 24.365, 211.824



97, 9.225, 211.343



82, 51.257, 144.727



51, 6.096, 211.339



0, 0.000, 0.000



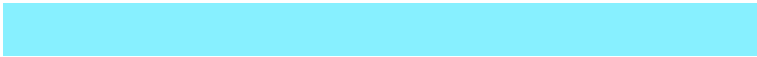
53, 0.007, 296.813

Same Dimension

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



81, 24.365, 211.824



89, 31.385, 212.257



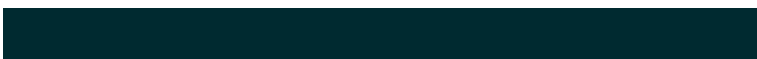
69, 30.733, 273.556



46, 3.963, 211.362



58, 33.253, 219.540



15, 13.825, 215.303

Inverse Universe

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



69, 50.892, 330.420



73, 67.532, 330.941



79, 31.811, 81.767



44, 7.475, 328.619



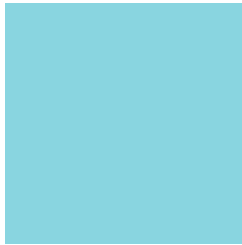
40, 79.267, 333.979



7, 32.988, 332.918

Previews

White Background



This preview shows how the CIE LCh color 81, 24.365, 211.827 looks on a white background.

Color Contrast Check

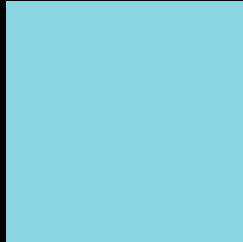
Large Text (above 18pt) WCAG AA × Fail

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, 24.365, 211.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

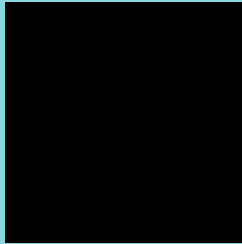
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 24.365, 211.827

Background



This preview shows how black text looks on a background with the CIELCh color 81, 24.365, 211.827.

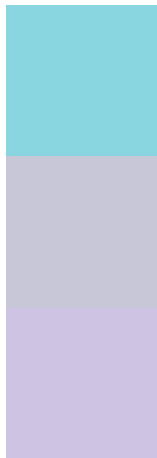


This preview shows how white text looks on a background with the CIELCh color 81, 24.365, 211.827.

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, 24.365, 211.827

Protanopia
81, 8.517, 290.939

Deuteranopia
81, 18.137, 304.967

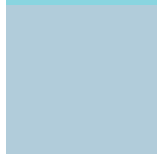


Tritanopia
81, 24.253, 221.405

Trichromacy



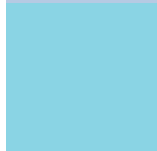
Original Color
81, 24.365, 211.827



Protanomaly
81, 11.684, 238.678



Deuteranomaly
81, 14.730, 264.109

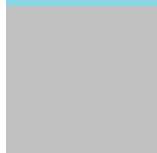


Tritanomaly
81, 24.254, 218.633

Monochromacy



Original Color
81, 24.365, 211.827



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 9.970, 211.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 24.365, 211.827 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(137, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(137, 213, 224)  
}
```

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(137, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 213, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 24.365, 211.827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

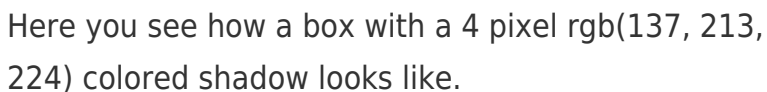
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 213, 224) }
```

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

```
.border{ border-color:rgb(137, 213, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(137, 213,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 24.365, 211.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 213, 224) }
```

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

```
.background{ background-color: rgb(137,  
213, 224) }
```

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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