

Converting Colors

CIELCh(78, 24.843, 219.592)

Have a look what the booklet for
CIELCh(78, 24.843, 219.592)
contains.

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Color

CIELCh(78, 24.857, 219.548)

Conversions

Conversions Part 1

Format	Color
Hex	80CCDD
RGB	128, 204, 221
RGB Percent	50%, 80%, 87%
CMY	0.4966, 0.1986, 0.1319
CMYK	0.42, 0.08, 0.00, 0.13
HSL	191°, 58%, 69%
HSV	191°, 42%, 87%
XYZ	43.7329, 53.2120, 76.6247
YIQ	183.2140, -50.7530, -10.8250

Conversions

Conversions Part 2

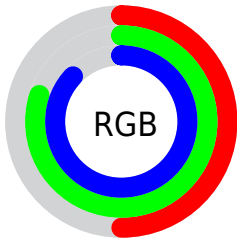
Format	Color
RYB	128, 170, 221
Decimal	8441053
CIELab	78.00, -19.17, -15.83
CIELCh	78, 24.857, 219.548
Yxy	53.2120, 0.2520, 0.3066
Android (android.graphics.Color)	4286631133 (0xFF80CCDD)
YUV	183.2140, 18.6285, -48.4227
Hunter-Lab	72.9466, -20.6421, -11.2170

Details

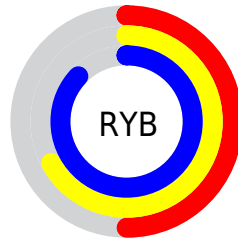
The CIELCh color **78, 24.857, 219.548** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 33.939, 37.937**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **58, 24.816, 219.212** is the 20% darker color. If you saturate the color by 10%, you get **76, 29.238, 220.644**, and if you desaturate by 10%, it is **80, 19.775, 218.746**.

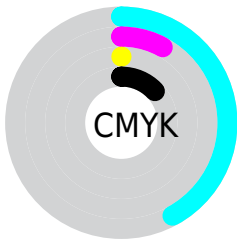
Distribution



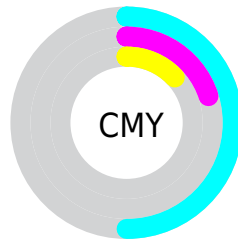
- Red (50%)
- Green (80%)
- Blue (87%)



- Red (50%)
- Yellow (67%)
- Blue (87%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.857, 219.548 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 78, 24.857, 219.548 by changing the saturation by 10% instead.


 78, 24.857,
219.548

 78, 24.857,
219.548


 100, 24.857,
219.548


 68, 24.857,
219.548

 98, 24.857,
219.548

 58, 24.857,
219.548

 48, 24.857,
219.548

 38, 24.857,
219.548

 28, 24.857,
219.548

 18, 24.857,
219.548

 8, 24.857, 219.548

0, 24.857, 219.548

78, 24.857,
219.548

78, 24.857,
219.548

76, 29.238,
220.644

80, 19.775,
218.746

74, 32.835,
222.112

83, 14.096,
218.190

72, 35.593,
224.026

85, 7.926, 217.842

88, 1.362, 217.966

71, 37.518,
226.466

90, 5.505, 37.305

69, 38.685,
229.496

93, 10.399, 41.002

68, 39.251,
232.282

94, 10.060, 55.002

■ 95, 10.346, 69.041

■ 96, 11.205, 81.576

Harmonies

Complementary

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



78, 24.857, 219.548



68, 33.939, 37.937

Rectangle

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



78, 24.857, 219.548



78, 24.857, 269.548



78, 24.857, 39.548



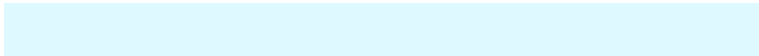
78, 24.857, 89.548

Sweetspot

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



78, 24.857, 219.545



96, 9.591, 217.870



81, 52.842, 145.913



51, 6.669, 217.935



0, 0.000, 0.000



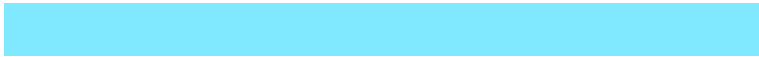
53, 0.007, 296.813

Same Dimension

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



78, 24.857, 219.545



87, 31.805, 220.444



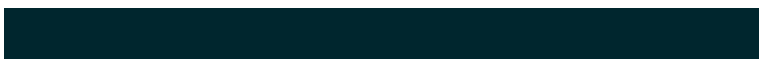
66, 35.211, 278.338



45, 3.743, 217.789



54, 32.684, 231.626



13, 13.109, 224.803

Inverse Universe

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



66, 52.277, 332.642



71, 68.716, 333.222



78, 35.453, 85.606



43, 7.049, 330.486



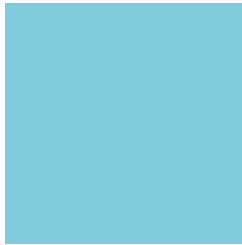
39, 75.119, 337.079



6, 30.385, 335.251

Previews

White Background



This preview shows how the CIELCh color 78, 24.857, 219.548 looks on a white background.

Color Contrast Check

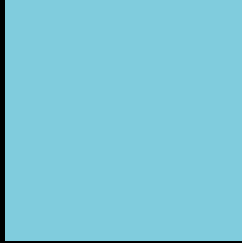
Large Text (above 18pt) WCAG AA × Fail

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 78, 24.857, 219.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

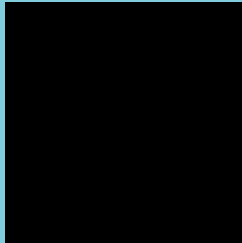
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.857, 219.548

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.857, 219.548.



This preview shows how white text looks on a background with the CIELCh color 78, 24.857, 219.548.

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
78, 24.857, 219.548

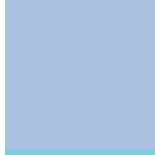
Trichromacy



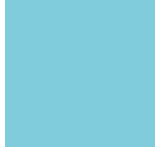
Original Color
78, 24.857, 219.548



Protanomaly
78, 14.275, 247.855



Deuteranomaly
77, 17.950, 267.610

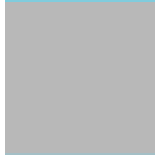


Tritanomaly
78, 24.857, 219.548

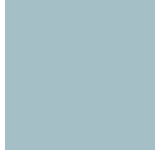
Monochromacy



Original Color
78, 24.857, 219.548



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 10.080, 220.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.857, 219.548 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(128, 204, 221)` looks like.

```
.text, #text, p{  
    color:rgb(128, 204, 221)  
}
```

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(128, 204, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 204, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.857, 219.548 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(128, 204, 221) }
```

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

```
.border{ border-color:rgb(128, 204, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 204, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 204, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 204, 221); box-shadow:4px 4px 4px 4px rgb(128, 204, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.857, 219.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 204, 221) }
```

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

```
.background{ background-color: rgb(128,  
204, 221) }
```

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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