

Converting Colors

CIELCh(79, 24.277, 204.165)

Have a look what the booklet for
CIELCh(79, 24.277, 204.165)
contains.

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Color

CIELCh(79, 24.302, 204.080)

Conversions

Conversions Part 1

Format	Color
Hex	84D0D5
RGB	132, 208, 213
RGB Percent	52%, 82%, 84%
CMY	0.4817, 0.1836, 0.1640
CMYK	0.38, 0.02, 0.00, 0.16
HSL	184°, 49%, 68%
HSV	184°, 38%, 84%
XYZ	44.1729, 54.9284, 71.3402
YIQ	185.8460, -46.9010, -14.5570

Conversions

Conversions Part 2

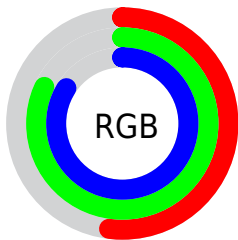
Format	Color
RYB	132, 171, 213
Decimal	8704213
CIELab	79.00, -22.19, -9.92
CIElCh	79, 24.302, 204.080
Yxy	54.9284, 0.2592, 0.3223
Android (android.graphics.Color)	4286894293 (0xFF84D0D5)
YUV	185.8460, 13.3869, -47.2229
Hunter-Lab	74.1137, -23.3102, -5.1916

Details

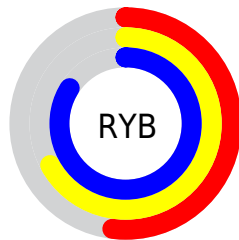
The CIELCh color **79, 24.302, 204.080** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 32.055, 27.464**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.687, 198.082**, and **59, 24.135, 204.123** is the 20% darker color. If you saturate the color by 10%, you get **78, 29.191, 204.098**, and if you desaturate by 10%, it is **80, 18.676, 204.178**.

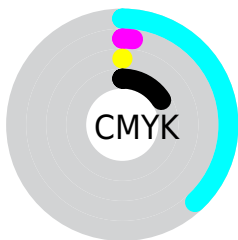
Distribution



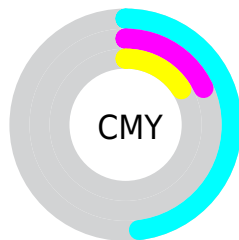
- Red (52%)
- Green (82%)
- Blue (84%)



- Red (52%)
- Yellow (67%)
- Blue (84%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)




- Cyan (48%)
- Magenta (18%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 24.302, 204.080 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 79, 24.302, 204.080 by changing the saturation by 10% instead.


 79, 24.302,
204.080

 79, 24.302,
204.080

 100, 24.302,
204.080


 69, 24.302,
204.080


 99, 24.302,
204.080

 59, 24.302,
204.080

 49, 24.302,
204.080

 39, 24.302,
204.080

 29, 24.302,
204.080

 19, 24.302,
204.080

 9, 24.302, 204.080

0, 24.302, 204.080

79, 24.302,
204.080

79, 24.302,
204.080

78, 29.191,
204.098

80, 18.676,
204.178

77, 33.242,
204.260

82, 12.431,
204.386

76, 36.379,
204.585

84, 5.682, 204.714

75, 38.571,
205.094

86, 1.457, 24.547

74, 39.846,
205.806

88, 8.889, 25.266

74, 40.331,
206.720

89, 14.593, 26.270

90, 14.199, 29.135

■ 74, 40.390,
206.914

■ 90, 13.844, 32.155

■ 90, 13.530, 35.325

Harmonies

Complementary

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



79, 24.302, 204.080



65, 32.055, 27.464

Rectangle

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



79, 24.302, 204.080



79, 24.302, 254.080



79, 24.302, 24.080



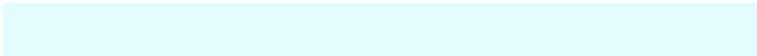
79, 24.302, 74.080

Sweetspot

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



79, 24.302, 204.077



98, 8.966, 204.593



79, 50.495, 142.923



52, 6.001, 204.547



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 24.302, 204.077



91, 32.622, 204.086



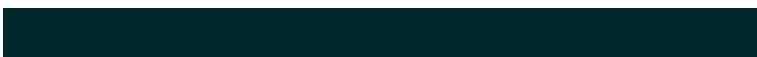
68, 26.593, 267.144



44, 4.034, 204.655



60, 34.285, 206.741



14, 13.619, 204.712

Inverse Universe

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



66, 50.027, 328.277



74, 69.171, 328.731



74, 28.645, 75.677



42, 7.524, 326.650



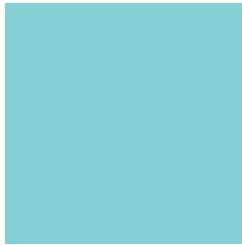
40, 81.584, 330.834



6, 31.508, 330.139

Previews

White Background



This preview shows how the CIELCh color 79, 24.302, 204.080 looks on a white background.

Color Contrast Check

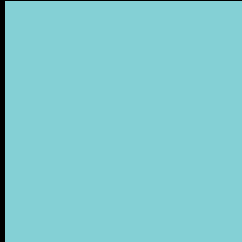
Large Text (above 18pt) WCAG AA × Fail

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 79, 24.302, 204.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

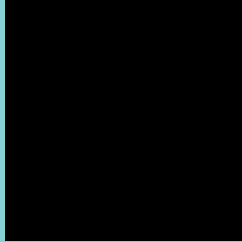
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.302, 204.080

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.302, 204.080.



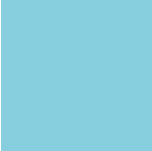
This preview shows how white text looks on a background with the CIELCh color 79, 24.302, 204.080.

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](#).

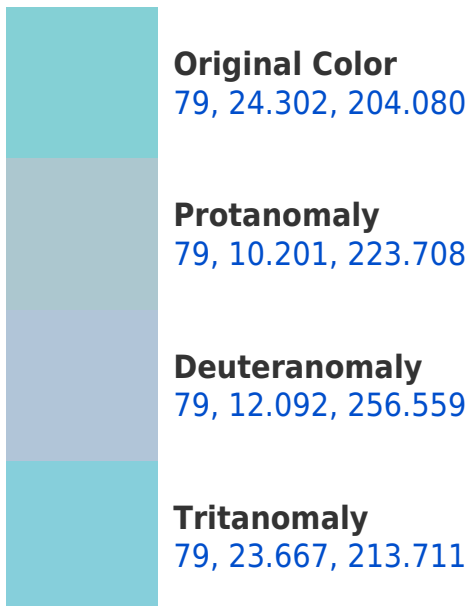
Dichromacy



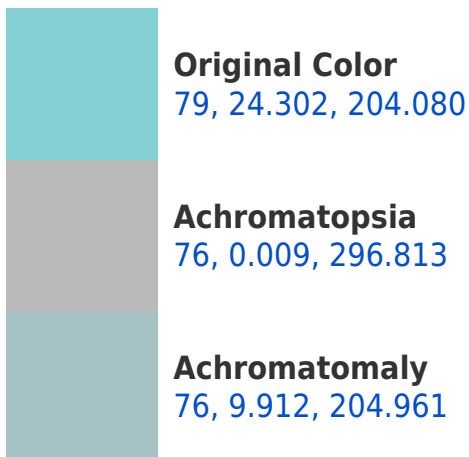


Tritanopia
79, 23.774, 219.180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.302, 204.080 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(132, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(132, 208, 213)  
}
```

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(132, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 208, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.302, 204.080 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(132, 208, 213) }
```

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

```
.border{ border-color:rgb(132, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(132, 208,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.302, 204.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 208, 213) }
```

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

```
.background{ background-color: rgb(132,  
208, 213) }
```

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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