

Converting Colors

CIELCh(51, 21.793, 180.145)

Have a look what the booklet for
CIELCh(51, 21.793, 180.145)
contains.

CIELCh(51, 21.816, 179.998)	3
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Color

CIELCh(51, 21.816, 179.998)

Conversions

Conversions Part 1

Format	Color
Hex	4A8479
RGB	74, 132, 121
RGB Percent	29%, 52%, 47%
CMY	0.7106, 0.4832, 0.5263
CMYK	0.44, 0.00, 0.08, 0.48
HSL	169°, 28%, 40%
HSV	169°, 44%, 52%
XYZ	14.4694, 19.2686, 20.9798
YIQ	113.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

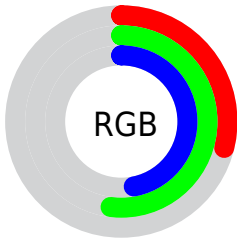
Format	Color
RYB	74, 106, 132
Decimal	4883577
CIELab	51.00, -21.82, 0.00
CIElCh	51, 21.816, 179.998
Yxy	19.2686, 0.2644, 0.3521
Android (android.graphics.Color)	4283073657 (0xFF4A8479)
YUV	113.4040, 3.7448, -34.5573
Hunter-Lab	43.8960, -17.9793, 2.3899

Details

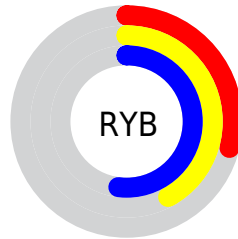
The CIELCh color **51, 21.816, 179.998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **39, 26.333, 9.437**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 21.717, 180.031**, and **31, 21.556, 180.838** is the 20% darker color. If you saturate the color by 10%, you get **50, 25.833, 178.904**, and if you desaturate by 10%, it is **52, 17.358, 181.014**.

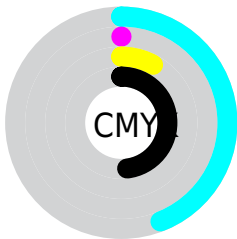
Distribution



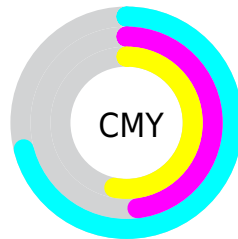
- Red (29%)
- Green (52%)
- Blue (47%)



- Red (29%)
- Yellow (42%)
- Blue (52%)



- Cyan (44%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)




- Cyan (71%)
- Magenta (48%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 21.816, 179.998 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 51, 21.816, 179.998 by changing the saturation by 10% instead.


 51, 21.816,
179.998


 51, 21.816,
179.998


 100, 21.816,
179.998


 41, 21.816,
179.998


 71, 21.816,
179.998


 31, 21.816,
179.998


 81, 21.816,
179.998

 21, 21.816,
179.998

 91, 21.816,
179.998

 11, 21.816,
179.998

 1, 21.816, 179.998

 0, 21.816, 179.998

■ 51, 21.816,
179.998

■ 51, 21.816,
179.998

■ 50, 25.833,
178.904

■ 52, 17.358,
181.014

■ 50, 29.333,
177.718

■ 53, 12.540,
181.975

■ 49, 32.264,
176.418

■ 54, 7.446, 182.898

■ 49, 34.605,
174.983

■ 55, 2.156, 183.884

■ 56, 3.260, 4.422

■ 49, 36.380,
173.401

■ 57, 8.743, 5.293

■ 49, 37.341,
172.458

■ 58, 14.244, 6.083

■ 60, 19.727, 6.840

■ 61, 25.163, 7.570

Harmonies

Complementary

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



51, 21.816, 179.998



39, 26.333, 9.437

Rectangle

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



51, 21.816, 179.998



51, 21.816, 229.998



51, 21.816, 359.998



51, 21.816, 49.998

Sweetspot

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



51, 21.816, 179.996



68, 8.552, 182.964



51, 38.274, 136.413



36, 6.013, 182.785



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 21.816, 179.996



64, 31.317, 178.883



46, 16.808, 236.518



27, 3.033, 183.349



48, 36.973, 172.483



1, 0.736, 184.059

Inverse Universe

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



39, 26.333, 9.437



46, 39.619, 11.514



43, 22.026, 49.276



26, 3.144, 4.788



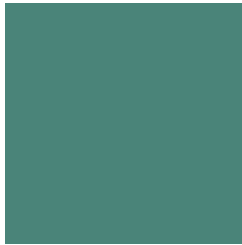
26, 55.918, 28.463



0, 0.736, 4.044

Previews

White Background



This preview shows how the CIELCh color 51, 21.816, 179.998 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 51, 21.816, 179.998 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 × Fail

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

CIELCh 51, 21.816, 179.998

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.816, 179.998.

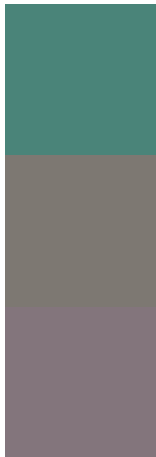


This preview shows how white text looks on a background with the CIELCh color 51, 21.816, 179.998.

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
51, 21.816, 179.998

Protanopia
51, 4.038, 79.063

Deuteranopia
51, 6.980, 344.472



Tritanopia
51, 17.648, 217.292

Trichromacy



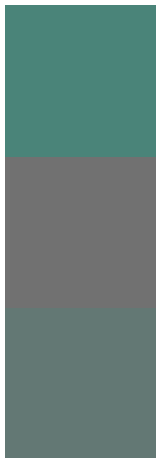
Original Color
51, 21.816, 179.998

Protanomaly
50, 8.587, 165.558

Deuteranomaly
50, 4.702, 206.142

Tritanomaly
51, 18.296, 201.271

Monochromacy



Original Color
51, 21.816, 179.998

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 8.573, 182.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 21.816, 179.998 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(74, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(74, 132, 121)  
}
```

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(74, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 132, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.816, 179.998 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(74, 132, 121) }
```

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

```
.border{ border-color:rgb(74, 132, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 132, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(74, 132,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.816, 179.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 132, 121) }
```

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

```
.background{ background-color: rgb(74, 132,  
121) }
```

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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