

Converting Colors

CIELCh(48, 28.341, 191.677)

Have a look what the booklet for
CIELCh(48, 28.341, 191.677)
contains.

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Color

CIELCh(48, 28.341, 191.677)

Conversions

Conversions Part 1

Format	Color
Hex	1D7F7B
RGB	29, 127, 123
RGB Percent	11%, 50%, 48%
CMY	0.8878, 0.5029, 0.5186
CMYK	0.77, 0.00, 0.03, 0.50
HSL	178°, 63%, 30%
HSV	178°, 77%, 50%
XYZ	11.6131, 16.7945, 21.2888
YIQ	97.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

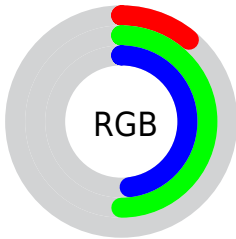
Format	Color
R_{YB}	29, 79, 127
Decimal	1933179
CIE _{Lab}	48.00, -27.75, -5.74
CIE _{LCh}	48, 28.341, 191.677
Yxy	16.7945, 0.2337, 0.3379
Android (android.graphics.Color)	4280123259 (0xFF1D7F7B)
YUV	97.2420, 12.6987, -59.8482
Hunter-Lab	40.9810, -21.1339, -2.1133

Details

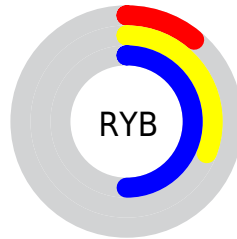
The CIELCh color **48, 28.341, 191.677** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 47.769, 29.315**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 28.210, 191.488**, and **29, 21.665, 191.089** is the 20% darker color. If you saturate the color by 10%, you get **48, 29.710, 191.162**, and if you desaturate by 10%, it is **48, 26.377, 192.188**.

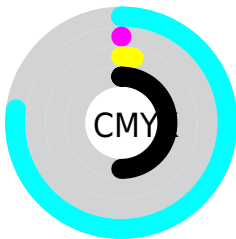
Distribution



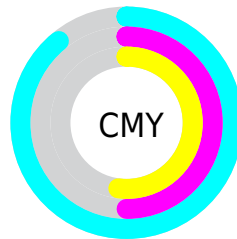
- Red (11%)
- Green (50%)
- Blue (48%)



- Red (11%)
- Yellow (31%)
- Blue (50%)



- Cyan (77%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (89%)
- Magenta (50%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 28.341, 191.677 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 48, 28.341, 191.677 by changing the saturation by 10% instead.

 48, 28.341,
191.677


 48, 28.341,
191.677

 100, 28.341,
191.677

 38, 28.341,
191.677

 68, 28.341,
191.677

 28, 28.341,
191.677

 78, 28.341,
191.677

 18, 28.341,
191.677

 88, 28.341,
191.677

 8, 28.341, 191.677

 98, 28.341,
191.677

 0, 28.341, 191.677

 48, 28.341,

 48, 28.341,

191.677

191.677

■ 48, 29.710,
191.162

■ 48, 26.377,
192.188

■ 48, 30.602,
190.643

■ 49, 23.816,
192.709

■ 48, 30.819,
190.512

■ 49, 20.684,
193.245

■ 50, 17.036,
193.802

■ 51, 12.937,
194.382

■ 51, 8.464, 194.991

■ 52, 3.692, 195.661

■ 53, 1.306, 15.882

■ 55, 6.467, 16.758

Harmonies

Complementary

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



48, 28.341, 191.677



28, 47.769, 29.315

Rectangle

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



48, 28.341, 191.677



48, 28.341, 241.677



48, 28.341, 11.677



48, 28.341, 61.677

Sweetspot

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



48, 28.341, 191.676



65, 13.674, 194.614



46, 62.744, 137.017



34, 9.447, 194.428



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 28.341, 191.676



61, 36.959, 190.754



34, 29.989, 267.411



26, 2.806, 195.539



48, 30.950, 190.509



0, 0.000, 0.000

Inverse Universe

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



28, 47.769, 29.315



35, 70.191, 36.013



37, 39.973, 61.290



25, 2.952, 16.572



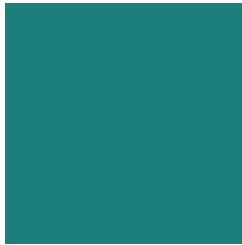
25, 59.906, 36.728



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 28.341, 191.677 looks on a white 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

Black Background



This preview shows how the CIELCh color 48, 28.341, 191.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

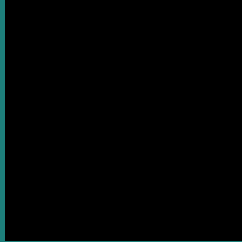
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 28.341, 191.677

Background



This preview shows how black text looks on a background with the CIELCh color 48, 28.341, 191.677.



This preview shows how white text looks on a background with the CIELCh color 48, 28.341, 191.677.

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](#).

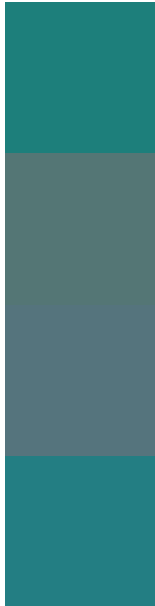
Dichromacy





Tritanopia
48, 25.266, 210.642

Trichromacy



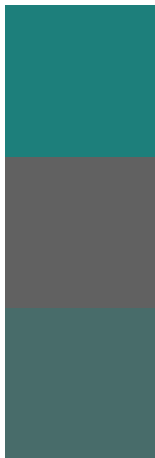
Original Color
48, 28.341, 191.677

Protanomaly
47, 12.729, 195.341

Deuteranomaly
47, 12.256, 224.280

Tritanomaly
48, 26.108, 203.364

Monochromacy



Original Color
48, 28.341, 191.677

Achromatopsia
41, 0.006, 296.813

Achromatomaly
43, 13.603, 192.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 28.341, 191.677 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(29, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(29, 127, 123)  
}
```

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(29, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 127, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 28.341, 191.677 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(29, 127, 123) }
```

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

```
.border{ border-color:rgb(29, 127, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(29, 127,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 28.341, 191.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 127, 123) }
```

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

```
.background{ background-color: rgb(29, 127,  
123) }
```

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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