

Converting Colors

CIELCh(48, 26.923, 200.895)

Have a look what the booklet for
CIELCh(48, 26.923, 200.895)
contains.

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Color

CIELCh(48, 26.960, 200.499)

Conversions

Conversions Part 1

Format	Color
Hex	1E7E81
RGB	30, 126, 129
RGB Percent	12%, 49%, 51%
CMY	0.8821, 0.5057, 0.4940
CMYK	0.77, 0.02, 0.00, 0.49
HSL	182°, 62%, 31%
HSV	182°, 77%, 51%
XYZ	11.9679, 16.7945, 23.3931
YIQ	97.6380, -58.1790, -19.4190

Conversions

Conversions Part 2

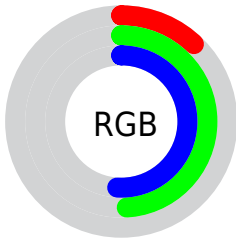
Format	Color
R_{YB}	30, 79, 129
Decimal	1998465
CIE _{Lab}	48.00, -25.25, -9.44
CIE _{LCh}	48, 26.960, 200.499
Yxy	16.7945, 0.2295, 0.3220
Android (android.graphics.Color)	4280188545 (0xFF1E7E81)
YUV	97.6380, 15.4615, -59.3185
Hunter-Lab	40.9810, -19.5884, -5.1576




Details

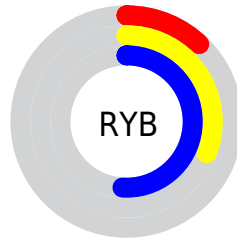
The CIELCh color **48, 26.960, 200.499** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 48.388, 32.923**, and the grayscale version is **41, 0.006, 296.813**.




A 20% lighter version of the original color is **68, 26.834, 200.862**, and **29, 20.326, 203.933** is the 20% darker color. If you saturate the color by 10%, you get **48, 28.151, 200.703**, and if you desaturate by 10%, it is **48, 25.165, 200.406**.

Distribution







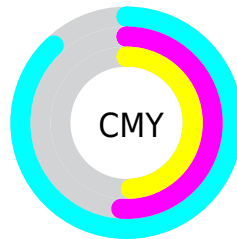
-  Red (12%)
-  Green (49%)
-  Blue (51%)






-  Red (12%)
-  Yellow (31%)
-  Blue (51%)



-  Cyan (77%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (88%)
-  Magenta (51%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 26.960, 200.499 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, 26.960, 200.499 by changing the saturation by 10% instead.

 48, 26.960,
200.499

 48, 26.960,
200.499

 100, 26.960,
200.499

 38, 26.960,
200.499

 68, 26.960,
200.499

 28, 26.960,
200.499

 78, 26.960,
200.499

 18, 26.960,
200.499

 88, 26.960,
200.499

 8, 26.960, 200.499

 98, 26.960,
200.499

 0, 26.960, 200.499

 48, 26.960,

 48, 26.960,

200.499

■ 48, 28.151,
200.703

■ 47, 28.832,
201.009

■ 47, 29.032,
201.113

200.499

■ 48, 25.165,
200.406

■ 49, 22.763,
200.420

■ 50, 19.782,
200.533

■ 50, 16.273,
200.736

■ 51, 12.302,
201.018

■ 52, 7.943, 201.376

■ 53, 3.270, 201.842

■ 54, 1.647, 21.914

■ 56, 6.745, 22.571

Harmonies

Complementary

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



48, 26.960, 200.499



29, 48.388, 32.923

Rectangle

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



48, 26.960, 200.499



48, 26.960, 250.499



48, 26.960, 20.499



48, 26.960, 70.499

Sweetspot

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



48, 26.960, 200.498



66, 13.310, 201.123



47, 63.282, 138.034



34, 9.074, 201.021



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, 26.960, 200.498



61, 34.807, 200.930



32, 33.560, 274.798



26, 2.709, 201.712



47, 28.783, 201.108



0, 0.000, 0.000

Inverse Universe

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



32, 61.214, 328.884



40, 81.168, 329.316



39, 40.005, 67.427



25, 4.998, 325.719



29, 67.558, 329.434



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 26.960, 200.499 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, 26.960, 200.499 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, 26.960, 200.499

Background



This preview shows how black text looks on a background with the CIELCh color 48, 26.960, 200.499.

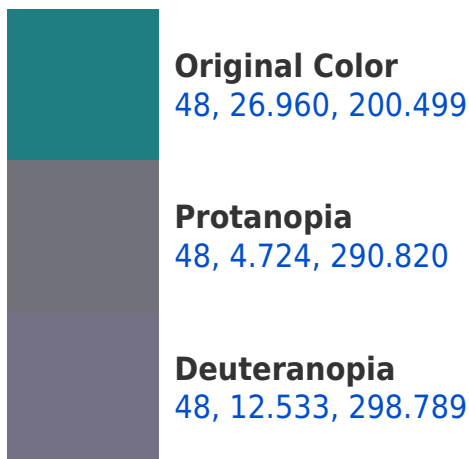



This preview shows how white text looks on a background with the CIELCh color 48, 26.960, 200.499.

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, 25.686, 210.376

Trichromacy



Original Color
48, 26.960, 200.499

Protanomaly
47, 13.031, 214.034

Deuteranomaly
47, 14.063, 237.889

Tritanomaly
48, 26.003, 207.448

Monochromacy



Original Color
48, 26.960, 200.499

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 13.004, 200.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 26.960, 200.499 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(30, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(30, 126, 129)  
}
```

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(30, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 26.960, 200.499 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(30, 126, 129) }
```

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

```
.border{ border-color:rgb(30, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(30, 126,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 26.960, 200.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 126, 129) }
```

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

```
.background{ background-color: rgb(30, 126,  
129) }
```

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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