

Converting Colors

CIELCh(48, 26.221, 2.741)

Have a look what the booklet for
CIELCh(48, 26.221, 2.741) contains.

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Color

CIELCh(48, 26.185, 2.402)

Conversions

Conversions Part 1

Format	Color
Hex	9C6171
RGB	156, 97, 113
RGB Percent	61%, 38%, 44%
CMY	0.3884, 0.6198, 0.5570
CMYK	0.00, 0.38, 0.28, 0.39
HSL	344°, 23%, 50%
HSV	344°, 38%, 61%
XYZ	20.9485, 16.7945, 17.7461
YIQ	116.4650, 30.0280, 17.4840

Conversions

Conversions Part 2

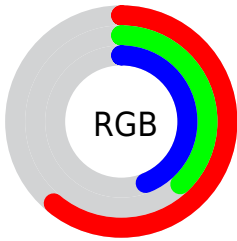
Format	Color
R_{YB}	156, 97, 113
Decimal	10248561
CIE Lab	48.00, 26.16, 1.10
CIE LCh	48, 26.185, 2.402
Yxy	16.7945, 0.3775, 0.3027
Android (android.graphics.Color)	4288438641 (0xFF9C6171)
YUV	116.4650, -1.7082, 34.6722
Hunter-Lab	40.9810, 19.5280, 3.0122

Details

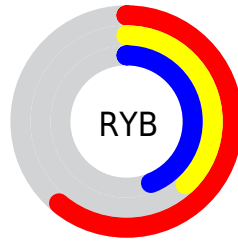
The CIELCh color **48, 26.185, 2.402** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 23.147, 174.263**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 26.538, 1.765**, and **28, 26.166, 2.793** is the 20% darker color. If you saturate the color by 10%, you get **44, 33.354, 4.165**, and if you desaturate by 10%, it is **52, 18.993, 0.950**.

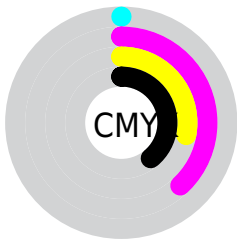
Distribution



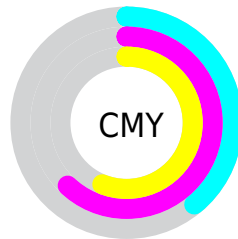
- Red (61%)
- Green (38%)
- Blue (44%)



- Red (61%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 26.185, 2.402 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, 26.185, 2.402 by changing the saturation by 10% instead.

 48, 26.185, 2.402  48, 26.185, 2.402

 100, 26.185, 2.402  38, 26.185, 2.402

 68, 26.185, 2.402  28, 26.185, 2.402

 78, 26.185, 2.402  18, 26.185, 2.402

 88, 26.185, 2.402  8, 26.185, 2.402

 98, 26.185, 2.402  0, 26.185, 2.402

 48, 26.185, 2.402  48, 26.185, 2.402

 44, 33.354, 4.165  52, 18.993, 0.950

 41, 40.273, 6.341  56, 11.946,
359.720

 38, 46.648, 9.070

■ 35, 52.192, 12.510

■ 61, 5.136, 358.633

■ 34, 56.735, 16.794

■ 65, 1.387, 178.098

■ 33, 60.477, 21.798

■ 70, 7.609, 177.059

■ 32, 61.327, 22.847

■ 74, 13.533,
176.323

■ 79, 19.174,
175.672

■ 84, 24.552,
175.085

■ 88, 29.691,
174.551

Harmonies

Complementary

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



48, 26.185, 2.402



60, 23.147, 174.263

Rectangle

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



48, 26.185, 2.402



48, 26.185, 52.402



48, 26.185, 182.402



48, 26.185, 232.402

Sweetspot

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



48, 26.183, 2.405



76, 9.048, 358.994



48, 37.896, 317.841



39, 6.082, 359.127



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 26.183, 2.405



58, 39.024, 3.796



51, 22.048, 40.968



31, 3.763, 358.786



29, 57.340, 22.368



1, 4.796, 358.992

Inverse Universe

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



48, 26.183, 2.405



58, 39.024, 3.796



57, 16.988, 223.755



31, 3.763, 358.786



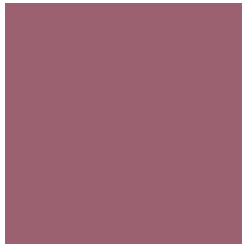
29, 57.340, 22.368



1, 4.796, 358.992

Previews

White Background



This preview shows how the CIELCh color 48, 26.185, 2.402 looks on a white background.

Color Contrast Check

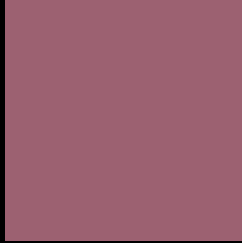
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.185, 2.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

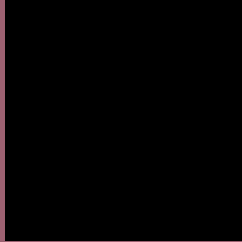
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 26.185, 2.402

Background



This preview shows how black text looks on a background with the CIELCh color 48, 26.185, 2.402.



This preview shows how white text looks on a background with the CIELCh color 48, 26.185, 2.402.

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

48, 26.185, 2.402

Protanopia

48, 5.305, 290.892

Deuteranopia

48, 6.663, 20.142



Tritanopia
48, 24.745, 12.045

Trichromacy



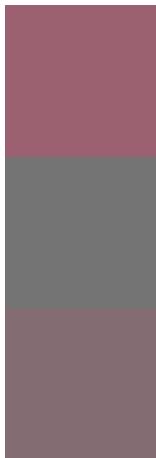
Original Color
48, 26.185, 2.402

Protanomaly
48, 10.728, 343.681

Deuteranomaly
48, 13.832, 6.511

Tritanomaly
48, 24.869, 8.044

Monochromacy



Original Color
48, 26.185, 2.402

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 9.738, 359.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 26.185, 2.402 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(156, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(156, 97, 113)  
}
```

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(156, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 97, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 26.185, 2.402 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(156, 97, 113) }
```

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

```
.border{ border-color:rgb(156, 97, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 97, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(156, 97,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 26.185, 2.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 97, 113) }
```

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

```
.background{ background-color: rgb(156, 97,  
113) }
```

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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