

Converting Colors

CIELCh(48, 22.249, 15.085)

Have a look what the booklet for
CIELCh(48, 22.249, 15.085) contains.

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Color

CIELCh(48, 22.496, 15.026)

Conversions

Conversions Part 1

Format	Color
Hex	986469
RGB	152, 100, 105
RGB Percent	60%, 39%, 41%
CMY	0.4041, 0.6080, 0.5884
CMYK	0.00, 0.34, 0.31, 0.40
HSL	354°, 21%, 49%
HSV	354°, 34%, 60%
XYZ	20.0391, 16.7945, 15.5373
YIQ	116.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

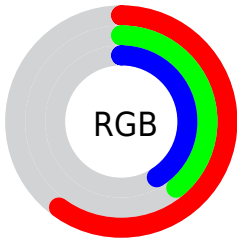
Format	Color
R_{YB}	152, 100, 105
Decimal	9987177
CIE _{Lab}	48.00, 21.73, 5.83
CIE _{LCh}	48, 22.496, 15.026
Yxy	16.7945, 0.3826, 0.3207
Android (android.graphics.Color)	4288177257 (0xFF986469)
YUV	116.1180, -5.4812, 31.4685
Hunter-Lab	40.9810, 15.5670, 6.2079

Details

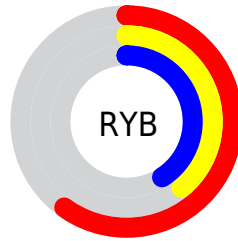
The CIELCh color $48, 22.496, 15.026$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 18.642, 188.907$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 22.857, 14.829$, and $28, 22.511, 14.520$ is the 20% darker color. If you saturate the color by 10%, you get $44, 29.804, 16.684$, and if you desaturate by 10%, it is $52, 15.465, 13.705$.

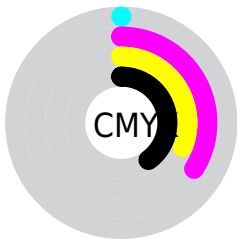
Distribution



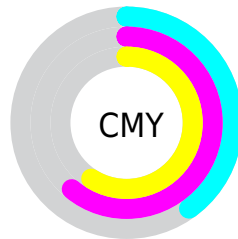
- Red (60%)
- Green (39%)
- Blue (41%)



- Red (60%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 22.496, 15.026 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, 22.496, 15.026 by changing the saturation by 10% instead.

■ 48, 22.496, 15.026

■ 48, 22.496, 15.026

■ 100, 22.496,
15.026

■ 38, 22.496, 15.026

■ 68, 22.496, 15.026

■ 28, 22.496, 15.026

■ 78, 22.496, 15.026

■ 18, 22.496, 15.026

■ 88, 22.496, 15.026

■ 8, 22.496, 15.026

■ 98, 22.496, 15.026

■ 0, 22.496, 15.026

■ 48, 22.496, 15.026

■ 48, 22.496, 15.026

■ 44, 29.804, 16.684

■ 52, 15.465, 13.705

■ 40, 37.251, 18.776

■ 56, 8.798, 12.618

37, 44.626, 21.426

61, 2.527, 11.619

35, 51.686, 24.742

65, 3.348, 191.192

33, 58.202, 28.732

70, 8.849, 190.491

32, 63.939, 33.135

75, 14.003,
189.941

31, 66.990, 35.336

79, 18.845,
189.470

84, 23.408,
189.059

88, 27.722,
188.695

Harmonies

Complementary

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



48, 22.496, 15.026



59, 18.642, 188.907

Rectangle

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



48, 22.496, 15.026



48, 22.496, 65.026



48, 22.496, 195.026



48, 22.496, 245.026

Sweetspot

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



48, 22.494, 15.030



74, 7.528, 12.225



49, 34.912, 323.314



38, 5.199, 12.350



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



48, 22.494, 15.030



58, 33.868, 16.249



53, 18.400, 60.554



30, 3.461, 12.133



28, 62.932, 34.982



1, 3.636, 11.593

Inverse Universe

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



48, 22.494, 15.030



58, 33.868, 16.249



53, 15.784, 248.688



30, 3.461, 12.133



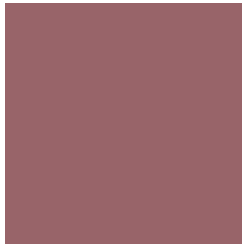
28, 62.932, 34.982



1, 3.636, 11.593

Previews

White Background



This preview shows how the CIELCh color 48, 22.496, 15.026 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, 22.496, 15.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

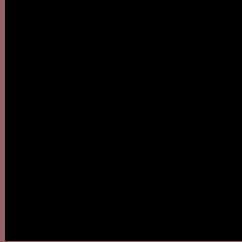
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 22.496, 15.026

Background



This preview shows how black text looks on a background with the CIELCh color 48, 22.496, 15.026.



This preview shows how white text looks on a background with the CIELCh color 48, 22.496, 15.026.

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, 22.496, 15.026

Protanopia

48, 1.350, 45.011

Deuteranopia

48, 9.139, 46.792



Tritanopia
48, 22.511, 12.077

Trichromacy



Original Color
48, 22.496, 15.026

Protanomaly
48, 8.817, 16.641

Deuteranomaly
48, 13.385, 25.982

Tritanomaly
48, 22.495, 13.551

Monochromacy



Original Color
48, 22.496, 15.026

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 7.990, 11.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 22.496, 15.026 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(152, 100, 105)` looks like.

```
.text, #text, p{  
    color:rgb(152, 100, 105)  
}
```

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(152, 100, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 100, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 22.496, 15.026 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(152, 100, 105) }
```

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

```
.border{ border-color:rgb(152, 100, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 100, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 100, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 100, 105);  
box-shadow:4px 4px 4px 4px rgb(152, 100,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 22.496, 15.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 100, 105) }
```

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

```
.background{ background-color: rgb(152,  
100, 105) }
```

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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