

Converting Colors

CIELCh(48, 30.861, 4.866)

Have a look what the booklet for
CIELCh(48, 30.861, 4.866) contains.

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Color

CIELCh(48, 30.871, 4.322)

Conversions

Conversions Part 1

Format	Color
Hex	A35D6F
RGB	163, 93, 111
RGB Percent	64%, 36%, 44%
CMY	0.3603, 0.6349, 0.5643
CMYK	0.00, 0.43, 0.32, 0.36
HSL	345°, 28%, 50%
HSV	345°, 43%, 64%
XYZ	21.9249, 16.7945, 17.1539
YIQ	115.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

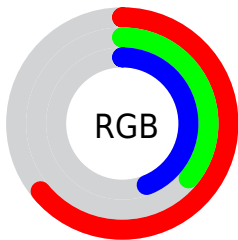
Format	Color
R_{YB}	163, 93, 111
Decimal	10706287
CIE _{Lab}	48.00, 30.78, 2.33
CIE _{LCh}	48, 30.871, 4.322
Yxy	16.7945, 0.3924, 0.3006
Android (android.graphics.Color)	4288896367 (0xFFA35D6F)
YUV	115.9820, -2.4561, 41.2348
Hunter-Lab	40.9810, 23.7808, 3.8691

Details

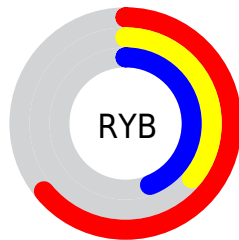
The CIELCh color **48, 30.871, 4.322** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 26.603, 174.701**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 30.852, 4.239**, and **28, 31.055, 4.678** is the 20% darker color. If you saturate the color by 10%, you get **44, 38.228, 6.317**, and if you desaturate by 10%, it is **52, 23.394, 2.701**.

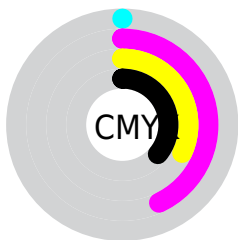
Distribution



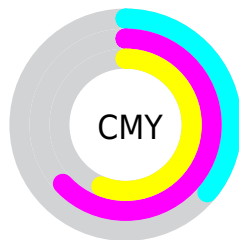
- Red (64%)
- Green (36%)
- Blue (44%)



- Red (64%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 30.871, 4.322 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, 30.871, 4.322 by changing the saturation by 10% instead.

 48, 30.871, 4.322  48, 30.871, 4.322

 100, 30.871, 4.322  38, 30.871, 4.322

 68, 30.871, 4.322  28, 30.871, 4.322

 78, 30.871, 4.322  18, 30.871, 4.322

 88, 30.871, 4.322  8, 30.871, 4.322

 98, 30.871, 4.322  0, 30.871, 4.322

 48, 30.871, 4.322  48, 30.871, 4.322

 44, 38.228, 6.317  52, 23.394, 2.701

 41, 45.198, 8.808  56, 16.007, 1.351

 38, 51.470, 11.949  61, 8.836, 0.195

36, 56.797, 15.891

66, 1.954, 359.051

35, 61.124, 20.696

70, 4.612, 178.507

34, 63.961, 24.289

75, 10.857,
177.701

80, 16.795,
177.013

85, 22.446,
176.399

90, 27.833,
175.844

Harmonies

Complementary

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



48, 30.871, 4.322



62, 26.603, 174.701

Rectangle

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



48, 30.871, 4.322



48, 30.871, 54.322



48, 30.871, 184.322



48, 30.871, 234.322

Sweetspot

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



48, 30.869, 4.324



77, 11.000, 0.230



48, 44.713, 318.569



40, 7.795, 0.464



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



48, 30.869, 4.324



57, 46.438, 6.327



51, 26.269, 42.654



32, 3.839, 359.803



30, 58.547, 23.681



1, 5.792, 0.775

Inverse Universe

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



48, 30.869, 4.324



57, 46.438, 6.327



58, 19.488, 226.737



32, 3.839, 359.803



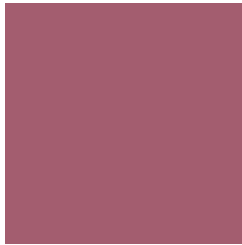
30, 58.547, 23.681



1, 5.792, 0.775

Previews

White Background



This preview shows how the CIELCh color 48, 30.871, 4.322 looks on a white background.

Color Contrast Check

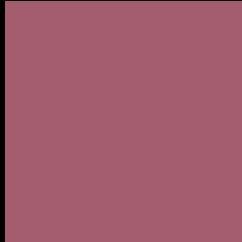
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.871, 4.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

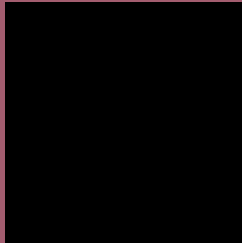
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 30.871, 4.322

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.871, 4.322.



This preview shows how white text looks on a background with the CIELCh color 48, 30.871, 4.322.

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, 30.871, 4.322

Protanopia

48, 5.305, 290.892

Deuteranopia

48, 7.669, 29.004



Tritanopia
48, 29.176, 15.575

Trichromacy



Original Color
48, 30.871, 4.322

Protanomaly
48, 13.065, 345.294

Deuteranomaly
48, 15.904, 10.907

Tritanomaly
48, 29.624, 11.323

Monochromacy



Original Color
48, 30.871, 4.322

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 10.941, 2.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.871, 4.322 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(163, 93, 111)` looks like.

```
.text, #text, p{  
    color:rgb(163, 93, 111)  
}
```

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(163, 93, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 93, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 30.871, 4.322 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(163, 93, 111) }
```

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

```
.border{ border-color:rgb(163, 93, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 93, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 93, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 93, 111);  
box-shadow:4px 4px 4px 4px rgb(163, 93,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 30.871, 4.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 93, 111) }
```

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

```
.background{ background-color: rgb(163, 93,  
111) }
```

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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