

Converting Colors

CIELCh(48, 30.188, 7.184)

Have a look what the booklet for
CIELCh(48, 30.188, 7.184) contains.

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Color

CIELCh(48, 30.196, 7.180)

Conversions

Conversions Part 1

Format	Color
Hex	A35E6D
RGB	163, 94, 109
RGB Percent	64%, 37%, 43%
CMY	0.3622, 0.6326, 0.5738
CMYK	0.00, 0.42, 0.33, 0.36
HSL	347°, 27%, 50%
HSV	347°, 42%, 64%
XYZ	21.7486, 16.7945, 16.4734
YIQ	116.3410, 36.3090, 19.2930

Conversions

Conversions Part 2

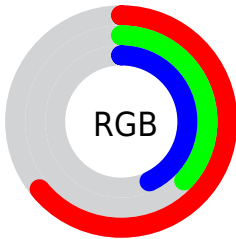
Format	Color
R_{YB}	163, 94, 109
Decimal	10706541
CIE Lab	48.00, 29.96, 3.77
CIE LCh	48, 30.196, 7.180
Yxy	16.7945, 0.3953, 0.3053
Android (android.graphics.Color)	4288896621 (0xFFA35E6D)
YUV	116.3410, -3.6191, 40.9199
Hunter-Lab	40.9810, 23.0130, 4.8535

Details

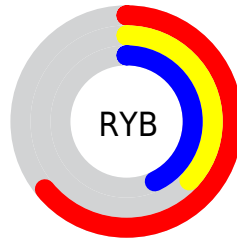
The CIELCh color **48, 30.196, 7.180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 25.514, 177.823**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 30.105, 7.970**, and **28, 29.990, 7.168** is the 20% darker color. If you saturate the color by 10%, you get **44, 37.632, 9.201**, and if you desaturate by 10%, it is **52, 22.718, 5.548**.

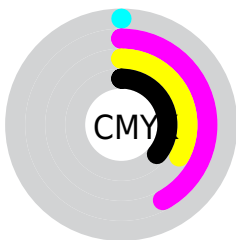
Distribution



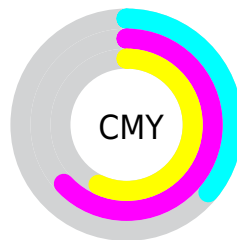
- Red (64%)
- Green (37%)
- Blue (43%)



- Red (64%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 30.196, 7.180 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, 30.196, 7.180 by changing the saturation by 10% instead.

 48, 30.196, 7.180  48, 30.196, 7.180

 100, 30.196, 7.180  38, 30.196, 7.180


 68, 30.196, 7.180  28, 30.196, 7.180

 78, 30.196, 7.180  18, 30.196, 7.180

 88, 30.196, 7.180  8, 30.196, 7.180

 98, 30.196, 7.180  0, 30.196, 7.180

 48, 30.196, 7.180  48, 30.196, 7.180

 44, 37.632, 9.201  52, 22.718, 5.548

 41, 44.776, 11.732  57, 15.389, 4.197

 38, 51.336, 14.925  61, 8.321, 3.048

36, 57.072, 18.912

66, 1.573, 1.864

34, 61.913, 23.716

70, 4.836, 181.395

34, 65.329, 27.522

75, 10.909,
180.614

80, 16.664,
179.950

85, 22.125,
179.360

90, 27.318,
178.828

Harmonies

Complementary

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



48, 30.196, 7.180



62, 25.514, 177.823

Rectangle

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



48, 30.196, 7.180



48, 30.196, 57.180



48, 30.196, 187.180



48, 30.196, 237.180

Sweetspot

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



48, 30.194, 7.183



77, 10.832, 3.139



48, 44.332, 319.588



40, 7.680, 3.373



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, 30.194, 7.183



57, 45.376, 9.101



52, 25.436, 45.925



32, 3.777, 2.713



30, 59.890, 26.939



1, 5.704, 3.474

Inverse Universe

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



48, 30.194, 7.183



57, 45.376, 9.101



57, 19.203, 231.513



32, 3.777, 2.713



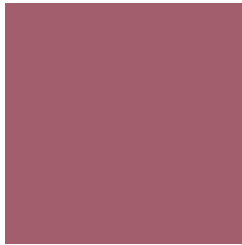
30, 59.890, 26.939



1, 5.704, 3.474

Previews

White Background



This preview shows how the CIELCh color 48, 30.196, 7.180 looks on a white background.

Color Contrast Check

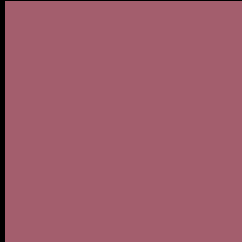
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 30.196, 7.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

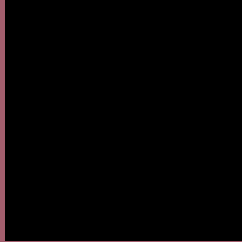
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 30.196, 7.180

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.196, 7.180.



This preview shows how white text looks on a background with the CIELCh color 48, 30.196, 7.180.

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, 30.196, 7.180

Protanopia

48, 3.566, 297.055

Deuteranopia

48, 8.404, 36.407



Tritanopia
48, 29.176, 15.575

Trichromacy



Original Color
48, 30.196, 7.180

Protanomaly
48, 11.562, 353.708

Deuteranomaly
48, 15.845, 15.099

Tritanomaly
48, 29.142, 13.302

Monochromacy



Original Color
48, 30.196, 7.180

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 10.799, 5.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.196, 7.180 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, 94, 109)` looks like.

```
.text, #text, p{  
    color:rgb(163, 94, 109)  
}
```

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, 94, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 94, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 30.196, 7.180 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, 94, 109) }
```

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

```
.border{ border-color:rgb(163, 94, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 94, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 94, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 94, 109);  
box-shadow:4px 4px 4px 4px rgb(163, 94,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 30.196, 7.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 94, 109) }
```

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

```
.background{ background-color: rgb(163, 94,  
109) }
```

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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