

Converting Colors

CIELCh(48, 15.260, 10.446)

Have a look what the booklet for
CIELCh(48, 15.260, 10.446) contains.

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Color

CIELCh(48, 15.028, 10.154)

Conversions

Conversions Part 1

Format	Color
Hex	8C696E
RGB	140, 105, 110
RGB Percent	55%, 41%, 43%
CMY	0.4511, 0.5883, 0.5687
CMYK	0.00, 0.25, 0.21, 0.45
HSL	351°, 14%, 48%
HSV	351°, 25%, 55%
XYZ	18.6707, 16.7945, 17.0005
YIQ	116.0350, 19.2550, 8.9750

Conversions

Conversions Part 2

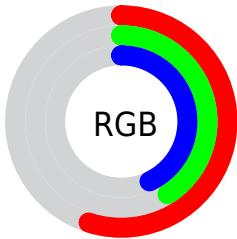
Format	Color
R_{YB}	140, 105, 110
Decimal	9202030
CIE _{Lab}	48.00, 14.79, 2.65
CIE _{LCh}	48, 15.028, 10.154
Yxy	16.7945, 0.3559, 0.3201
Android (android.graphics.Color)	4287392110 (0xFF8C696E)
YUV	116.0350, -2.9753, 21.0173
Hunter-Lab	40.9810, 9.6066, 4.0909

Details

The CIELCh color **48, 15.028, 10.154** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56, 13.368, 185.674**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 15.132, 10.446**, and **28, 14.752, 9.837** is the 20% darker color. If you saturate the color by 10%, you get **44, 21.568, 11.533**, and if you desaturate by 10%, it is **52, 8.769, 9.017**.

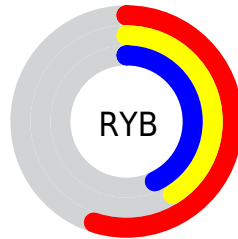
Distribution



Red (55%)

Green (41%)

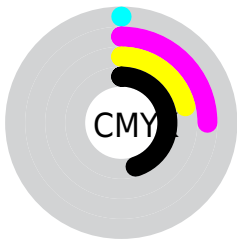
Blue (43%)



Red (55%)

Yellow (41%)

Blue (43%)

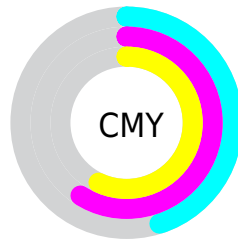


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 15.028, 10.154 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, 15.028, 10.154 by changing the saturation by 10% instead.

■ 48, 15.028, 10.154

■ 48, 15.028, 10.154

■ 100, 15.028,
10.154

■ 38, 15.028, 10.154

■ 68, 15.028, 10.154

■ 28, 15.028, 10.154

■ 78, 15.028, 10.154

■ 18, 15.028, 10.154

■ 88, 15.028, 10.154

■ 8, 15.028, 10.154

■ 98, 15.028, 10.154

■ 0, 15.028, 10.154

■ 48, 15.028, 10.154

■ 48, 15.028, 10.154

■ 44, 21.568, 11.533

■ 52, 8.769, 9.017

■ 40, 28.303, 13.226

■ 56, 2.841, 7.983

37, 35.081, 15.345

60, 2.750, 187.476

34, 41.697, 18.015

65, 8.012, 186.693

32, 47.920, 21.361

69, 12.967,
186.076

30, 53.561, 25.440

73, 17.640,
185.539

29, 58.542, 30.078

28, 61.002, 32.177

77, 22.060,
185.064

82, 26.253,
184.638

86, 30.244,
184.253

Harmonies

Complementary

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



48, 15.028, 10.154



56, 13.368, 185.674

Rectangle

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



48, 15.028, 10.154



48, 15.028, 60.154



48, 15.028, 190.154



48, 15.028, 240.154

Sweetspot

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



48, 15.026, 10.159



70, 5.657, 8.319



48, 23.560, 321.398



36, 4.068, 8.458



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



48, 15.026, 10.159



59, 22.570, 10.899



51, 12.162, 55.737



27, 3.200, 8.417



27, 58.491, 31.893



0, 1.448, 7.705

Inverse Universe

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



48, 15.026, 10.159



59, 22.570, 10.899



52, 10.724, 240.523



27, 3.200, 8.417



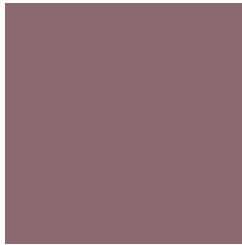
27, 58.491, 31.893



0, 1.448, 7.705

Previews

White Background



This preview shows how the CIELCh color 48, 15.028, 10.154 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, 15.028, 10.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

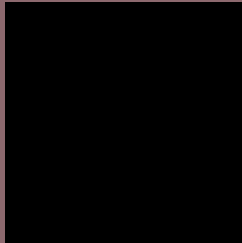
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 15.028, 10.154

Background



This preview shows how black text looks on a background with the CIELCh color 48, 15.028, 10.154.



This preview shows how white text looks on a background with the CIELCh color 48, 15.028, 10.154.

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, 15.028, 10.154

Protanopia

48, 1.011, 343.515

Deuteranopia

48, 7.148, 24.887



Tritanopia
48, 15.320, 3.662

Trichromacy



Original Color
48, 15.028, 10.154

Protanomaly
48, 5.901, 8.608

Deuteranomaly
48, 10.120, 17.307

Tritanomaly
48, 15.200, 5.796

Monochromacy



Original Color
48, 15.028, 10.154

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 5.482, 7.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 15.028, 10.154 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(140, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(140, 105, 110)  
}
```

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(140, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 105, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 15.028, 10.154 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(140, 105, 110) }
```

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

```
.border{ border-color:rgb(140, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(140, 105,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 15.028, 10.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 105, 110) }
```

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

```
.background{ background-color: rgb(140,  
105, 110) }
```

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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