

Converting Colors

CIELCh(48, 15.190, 317.679)

Have a look what the booklet for
CIELCh(48, 15.190, 317.679)
contains.

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Color

CIELCh(48, 15.168, 317.674)

Conversions

Conversions Part 1

Format	Color
Hex	7D6C83
RGB	125, 108, 131
RGB Percent	49%, 42%, 51%
CMY	0.5089, 0.5756, 0.4854
CMYK	0.05, 0.18, 0.00, 0.49
HSL	284°, 10%, 47%
HSV	284°, 18%, 51%
XYZ	17.9895, 16.7945, 23.8484
YIQ	115.7050, 2.7490, 10.7570

Conversions

Conversions Part 2

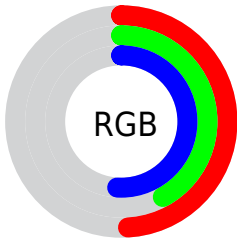
Format	Color
R_{YB}	125, 108, 131
Decimal	8219779
CIE _{Lab}	48.00, 11.21, -10.21
CIE _{LCh}	48, 15.168, 317.674
Yxy	16.7945, 0.3068, 0.2864
Android (android.graphics.Color)	4286409859 (0xFF7D6C83)
YUV	115.7050, 7.5404, 8.1517
Hunter-Lab	40.9810, 6.6397, -5.8164

Details

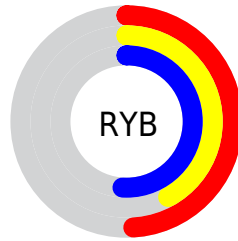
The CIELCh color `48, 15.168, 317.674` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `53, 15.001, 136.191`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `68, 15.528, 318.169`, and `28, 15.024, 317.176` is the 20% darker color. If you saturate the color by 10%, you get `44, 23.979, 318.099`, and if you desaturate by 10%, it is `52, 6.457, 317.244`.

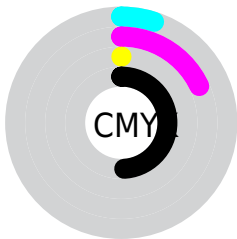
Distribution



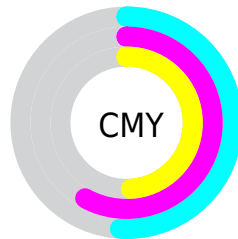
- Red (49%)
- Green (42%)
- Blue (51%)



- Red (49%)
- Yellow (42%)
- Blue (51%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)





- Cyan (51%)
- Magenta (58%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 15.168, 317.674 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, 15.168, 317.674 by changing the saturation by 10% instead.


 48, 15.168,
317.674


 48, 15.168,
317.674


 100, 15.168,
317.674


 38, 15.168,
317.674

 68, 15.168,
317.674


 28, 15.168,
317.674

 78, 15.168,
317.674

 18, 15.168,
317.674


 88, 15.168,
317.674

 8, 15.168, 317.674

 98, 15.168,
317.674

 0, 15.168, 317.674

 48, 15.168,

 48, 15.168,

317.674

44, 23.979,
318.099

40, 32.786,
318.510

37, 41.425,
318.887

34, 49.654,
319.199

31, 57.149,
319.405

28, 63.520,
319.458

26, 68.372,
319.304

25, 71.722,
318.951

317.674

52, 6.457, 317.244

56, 2.084, 136.931

60, 10.421,
136.496

64, 18.534,
136.134

68, 26.418,
135.804

72, 34.074,
135.502

76, 41.509,
135.227

80, 48.731,
134.979

■ 24, 72.539,
318.872

■ 84, 55.751,
134.756

Harmonies

Complementary

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



48, 15.168, 317.674



53, 15.001, 136.191

Rectangle

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



48, 15.168, 317.674



48, 15.168, 7.674



48, 15.168, 137.674



48, 15.168, 187.674

Sweetspot

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



48, 15.166, 317.674



67, 5.307, 317.134



48, 10.150, 278.355



35, 3.651, 317.162



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 15.166, 317.674



60, 22.607, 317.842



48, 13.876, 332.802



26, 4.884, 317.314



24, 72.064, 318.879



0, 1.160, 316.957

Inverse Universe

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



48, 10.146, 0.397



60, 15.197, 0.851



53, 13.812, 150.549



26, 3.234, 359.497



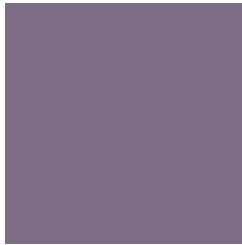
26, 53.685, 22.704



0, 0.760, 358.726

Previews

White Background



This preview shows how the CIELCh color 48, 15.168, 317.674 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, 15.168, 317.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

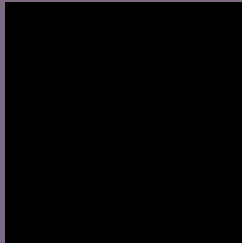
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 15.168, 317.674

Background



This preview shows how black text looks on a background with the CIELCh color 48, 15.168, 317.674.



This preview shows how white text looks on a background with the CIELCh color 48, 15.168, 317.674.

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, 15.168, 317.674

Protanopia

48, 12.414, 286.645

Deuteranopia

48, 12.076, 302.704



Tritanopia
48, 7.494, 335.263

Trichromacy



Original Color
48, 15.168, 317.674

Protanomaly
48, 13.171, 300.174

Deuteranomaly
48, 13.047, 308.955

Tritanomaly
48, 10.244, 326.921

Monochromacy



Original Color
48, 15.168, 317.674

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 5.844, 314.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 15.168, 317.674 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(125, 108, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 131)  
}
```

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(125, 108, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 15.168, 317.674 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(125, 108, 131) }
```

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

```
.border{ border-color:rgb(125, 108, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 131);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 15.168, 317.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 131) }
```

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

```
.background{ background-color: rgb(125,  
108, 131) }
```

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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