

Converting Colors

CIELCh(48, 17.941, 316.661)

Have a look what the booklet for
CIELCh(48, 17.941, 316.661)
contains.

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Color

CIELCh(48, 18.300, 317.031)

Conversions

Conversions Part 1

Format	Color
Hex	7F6B87
RGB	127, 107, 135
RGB Percent	50%, 42%, 53%
CMY	0.5017, 0.5802, 0.4704
CMYK	0.06, 0.21, 0.00, 0.47
HSL	283°, 12%, 47%
HSV	283°, 21%, 53%
XYZ	18.4018, 16.7945, 25.2149
YIQ	116.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

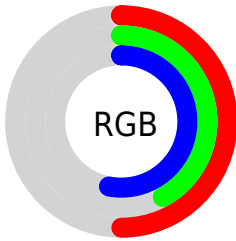
Format	Color
R_{YB}	127, 107, 135
Decimal	8350599
CIE _{Lab}	48.00, 13.39, -12.47
CIE _{LCh}	48, 18.300, 317.031
Yxy	16.7945, 0.3046, 0.2780
Android (android.graphics.Color)	4286540679 (0xFF7F6B87)
YUV	116.1720, 9.2822, 9.4962
Hunter-Lab	40.9810, 8.4354, -7.7934

Details

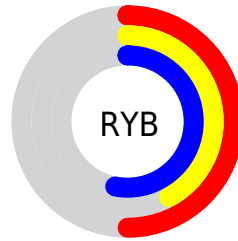
The CIELCh color $48, 18.300, 317.031$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 18.040, 135.270$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 18.470, 317.445$, and $28, 17.841, 317.515$ is the 20% darker color. If you saturate the color by 10%, you get $44, 27.298, 317.454$, and if you desaturate by 10%, it is $52, 9.387, 316.604$.

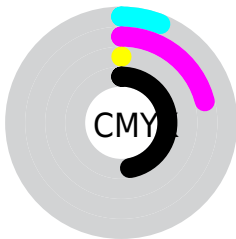
Distribution



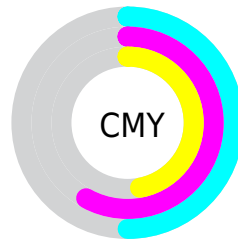
- Red (50%)
- Green (42%)
- Blue (53%)



- Red (50%)
- Yellow (42%)
- Blue (53%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)





- Cyan (50%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 18.300, 317.031 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, 18.300, 317.031 by changing the saturation by 10% instead.


 48, 18.300,
317.031


 48, 18.300,
317.031


 100, 18.300,
317.031


 38, 18.300,
317.031

 68, 18.300,
317.031


 28, 18.300,
317.031

 78, 18.300,
317.031

 18, 18.300,
317.031


 88, 18.300,
317.031

 8, 18.300, 317.031

 98, 18.300,
317.031

 0, 18.300, 317.031

 48, 18.300,

 48, 18.300,

317.031

44, 27.298,
317.454

40, 36.265,
317.861

37, 45.014,
318.226

33, 53.274,
318.513

30, 60.687,
318.677

28, 66.830,
318.663

26, 71.303,
318.414

25, 74.385,
318.052

317.031

52, 9.387, 316.604

56, 0.639, 315.998

60, 7.904, 135.848

64, 16.221,
135.481

68, 24.304,
135.149

72, 32.153,
134.846

76, 39.775,
134.571

81, 47.178,
134.324

85, 54.373,

Harmonies

Complementary

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



48, 18.300, 317.031



54, 18.040, 135.270

Rectangle

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



48, 18.300, 317.031



48, 18.300, 7.031



48, 18.300, 137.031



48, 18.300, 187.031

Sweetspot

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



48, 18.298, 317.031



69, 6.485, 316.405



49, 11.861, 276.502



36, 4.338, 316.429



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



48, 18.298, 317.031



59, 27.482, 317.236



49, 17.218, 331.783



26, 4.852, 316.535



23, 72.366, 318.085



0, 1.152, 316.181

Inverse Universe

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



48, 12.489, 358.990



60, 18.848, 359.572



54, 17.150, 149.130



26, 3.271, 357.725



26, 53.049, 20.539



0, 0.769, 356.953

Previews

White Background



This preview shows how the CIELCh color 48, 18.300, 317.031 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, 18.300, 317.031 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, 18.300, 317.031

Background



This preview shows how black text looks on a background with the CIELCh color 48, 18.300, 317.031.



This preview shows how white text looks on a background with the CIELCh color 48, 18.300, 317.031.

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, 18.300, 317.031

Protanopia

48, 15.396, 285.403

Deuteranopia

48, 13.704, 298.295



Tritanopia
48, 8.086, 339.476

Trichromacy



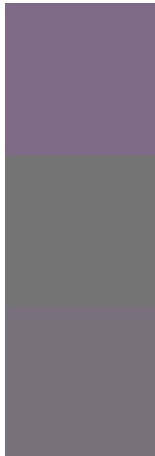
Original Color
48, 18.300, 317.031

Protanomaly
48, 16.047, 297.588

Deuteranomaly
48, 14.644, 305.536

Tritanomaly
48, 11.647, 326.772

Monochromacy



Original Color
48, 18.300, 317.031

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 6.545, 316.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 18.300, 317.031 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(127, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 107, 135)  
}
```

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(127, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 107, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 18.300, 317.031 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(127, 107, 135) }
```

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

```
.border{ border-color:rgb(127, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 107,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 18.300, 317.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 107, 135) }
```

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

```
.background{ background-color: rgb(127,  
107, 135) }
```

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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