

Converting Colors

CIELCh(63, 47.742, 336.756)

Have a look what the booklet for
CIELCh(63, 47.742, 336.756)
contains.

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Color

CIELCh(63, 47.818, 336.515)

Conversions

Conversions Part 1

Format	Color
Hex	D47ABB
RGB	212, 122, 187
RGB Percent	83%, 48%, 73%
CMY	0.1678, 0.5208, 0.2659
CMYK	0.00, 0.42, 0.12, 0.17
HSL	317°, 51%, 66%
HSV	317°, 42%, 83%
XYZ	43.1808, 31.5869, 50.9416
YIQ	156.3200, 32.7750, 39.2950

Conversions

Conversions Part 2

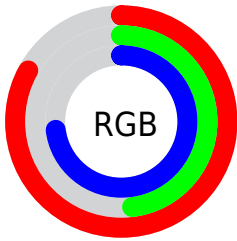
Format	Color
R_{YB}	212, 122, 187
Decimal	13925051
CIE _{Lab}	63.00, 43.86, -19.06
CIE _{LCh}	63, 47.818, 336.515
Yxy	31.5869, 0.3435, 0.2513
Android (android.graphics.Color)	4292115131 (0xFFD47ABB)
YUV	156.3200, 15.1252, 48.8314
Hunter-Lab	56.2022, 38.7897, -14.3987

Details

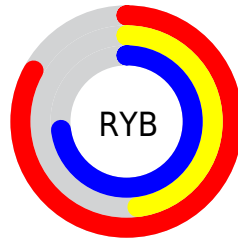
The CIELCh color $63, 47.818, 336.515$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 47.420, 149.674$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 44.592, 330.818$, and $43, 47.985, 336.529$ is the 20% darker color. If you saturate the color by 10%, you get $59, 58.001, 337.390$, and if you desaturate by 10%, it is $68, 36.849, 335.704$.

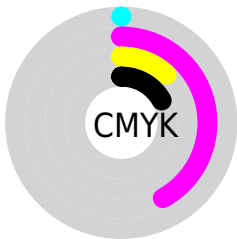
Distribution



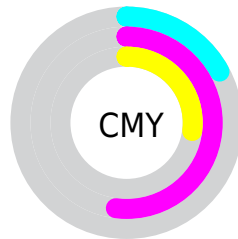
- Red (83%)
- Green (48%)
- Blue (73%)



- Red (83%)
- Yellow (48%)
- Blue (73%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (17%)





- Cyan (17%)
- Magenta (52%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 47.818, 336.515 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 63, 47.818, 336.515 by changing the saturation by 10% instead.


 63, 47.818,
336.515


 63, 47.818,
336.515


 100, 47.818,
336.515


 53, 47.818,
336.515


 83, 47.818,
336.515

 43, 47.818,
336.515

 93, 47.818,
336.515

 33, 47.818,
336.515

 23, 47.818,
336.515

 13, 47.818,
336.515

 3, 47.818, 336.515

 0, 47.818, 336.515

63, 47.818,
336.515

63, 47.818,
336.515

59, 58.001,
337.390

68, 36.849,
335.704

55, 66.907,
338.349

73, 25.501,
334.942

52, 73.986,
339.429

78, 14.060,
334.216

50, 78.764,
340.680

84, 2.720, 333.438

89, 8.399, 152.969


48, 81.014,
342.170

95, 19.228,
152.343

47, 81.391,
343.464

96, 20.355,
156.392

97, 18.352,
163.151

 97, 16.640,
171.385

Harmonies

Complementary

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



63, 47.818, 336.515



78, 47.420, 149.674

Rectangle

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



63, 47.818, 336.515



63, 47.818, 26.515



63, 47.818, 156.515



63, 47.818, 206.515

Sweetspot

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



63, 47.815, 336.515



92, 17.093, 334.268



57, 51.986, 303.874



48, 11.977, 334.428



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 47.815, 336.515



70, 65.644, 337.309



62, 37.635, 6.143



42, 6.461, 334.002



38, 69.446, 343.169



6, 26.882, 339.851

Inverse Universe

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



63, 47.815, 336.515



70, 65.644, 337.309



79, 31.978, 176.484



42, 6.461, 334.002



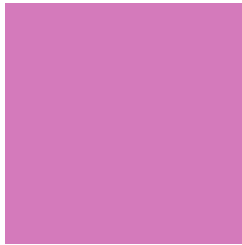
38, 69.446, 343.169



6, 26.882, 339.851

Previews

White Background



This preview shows how the CIELCh color 63, 47.818, 336.515 looks on a white background.

Color Contrast Check

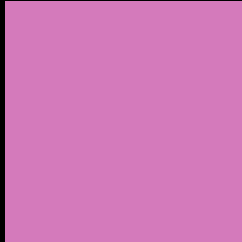
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 47.818, 336.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

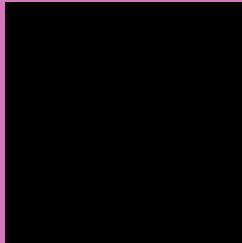
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 47.818, 336.515

Background



This preview shows how black text looks on a background with the CIELCh color 63, 47.818, 336.515.



This preview shows how white text looks on a background with the CIELCh color 63, 47.818, 336.515.

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

63, 47.818, 336.515

Protanopia

63, 32.044, 285.010

Deuteranopia

63, 18.575, 296.524



Tritanopia
63, 31.312, 12.832

Trichromacy



Original Color
63, 47.818, 336.515

Protanomaly
63, 34.149, 306.817

Deuteranomaly
63, 28.449, 319.882

Tritanomaly
63, 35.303, 355.687

Monochromacy



Original Color
63, 47.818, 336.515

Achromatopsia
65, 0.008, 296.813

Achromatomaly
63, 18.340, 334.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 47.818, 336.515 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(212, 122, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 122, 187)  
}
```

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(212, 122, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 122, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 47.818, 336.515 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(212, 122, 187) }
```

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

```
.border{ border-color:rgb(212, 122, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 122, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 122, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 122, 187); box-shadow:4px 4px 4px 4px rgb(212, 122, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 47.818, 336.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 122, 187) }
```

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

```
.background{ background-color: rgb(212,  
122, 187) }
```

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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