

Converting Colors

CIELCh(64, 47.192, 340.835)

Have a look what the booklet for
CIELCh(64, 47.192, 340.835)
contains.

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Color

CIELCh(64, 47.222, 340.854)

Conversions

Conversions Part 1

Format	Color
Hex	DB7CB8
RGB	219, 124, 184
RGB Percent	86%, 49%, 72%
CMY	0.1424, 0.5148, 0.2796
CMYK	0.00, 0.43, 0.16, 0.14
HSL	322°, 57%, 67%
HSV	322°, 43%, 86%
XYZ	44.9099, 32.8017, 49.1479
YIQ	159.2450, 37.3600, 38.8000

Conversions

Conversions Part 2

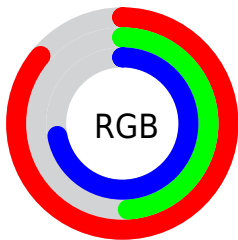
Format	Color
RYB	219, 124, 184
Decimal	14384312
CIELab	64.00, 44.61, -15.49
CIElCh	64, 47.222, 340.854
Yxy	32.8017, 0.3540, 0.2586
Android (android.graphics.Color)	4292574392 (0xFFDB7CB8)
YUV	159.2450, 12.2042, 52.4051
Hunter-Lab	57.2727, 39.7418, -10.7881

Details

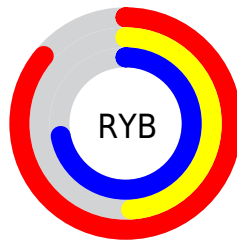
The CIELCh color $64, 47.222, 340.854$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 46.269, 153.110$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 41.597, 332.365$, and $44, 47.036, 340.828$ is the 20% darker color. If you saturate the color by 10%, you get $60, 57.043, 341.958$, and if you desaturate by 10%, it is $69, 36.624, 339.873$.

Distribution



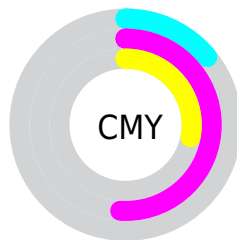
- Red (86%)
- Green (49%)
- Blue (72%)



- Red (86%)
- Yellow (49%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 47.222, 340.854 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 64, 47.222, 340.854 by changing the saturation by 10% instead.

 64, 47.222,
340.854

 64, 47.222,
340.854


 100, 47.222,
340.854


 54, 47.222,
340.854


 84, 47.222,
340.854

 44, 47.222,
340.854

 94, 47.222,
340.854

 34, 47.222,
340.854

 24, 47.222,
340.854

 14, 47.222,
340.854

 4, 47.222, 340.854

 0, 47.222, 340.854

64, 47.222,
340.854

64, 47.222,
340.854

60, 57.043,
341.958

69, 36.624,
339.873

56, 65.584,
343.229

74, 25.662,
338.983

52, 72.287,
344.735

80, 14.624,
338.159

50, 76.684,
346.568

85, 3.702, 337.330

49, 78.591,
348.840

91, 6.987, 156.792

48, 78.845,
350.564

97, 17.381,
156.107

97, 14.798,
167.496

97, 12.936,
182.875

■ 98, 12.228,
198.689

Harmonies

Complementary

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



64, 47.222, 340.854



80, 46.269, 153.110

Rectangle

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



64, 47.222, 340.854



64, 47.222, 30.854



64, 47.222, 160.854



64, 47.222, 210.854

Sweetspot

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



64, 47.219, 340.855



92, 16.034, 338.134



59, 54.971, 307.071



48, 11.238, 338.313



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 47.219, 340.855



69, 63.035, 341.843



63, 39.296, 13.927



43, 6.176, 337.841



38, 66.507, 350.087



6, 26.832, 345.374

Inverse Universe

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



64, 47.219, 340.855



69, 63.035, 341.843



81, 31.261, 184.711



43, 6.176, 337.841



38, 66.507, 350.087



6, 26.832, 345.374

Previews

White Background



This preview shows how the CIELCh color 64, 47.222, 340.854 looks on a white background.

Color Contrast Check

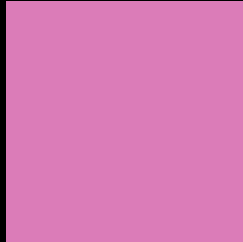
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 47.222, 340.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

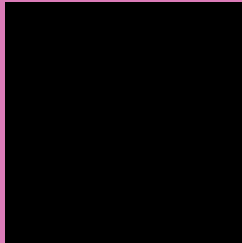
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 47.222, 340.854

Background



This preview shows how black text looks on a background with the CIELCh color 64, 47.222, 340.854.



This preview shows how white text looks on a background with the CIELCh color 64, 47.222, 340.854.

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





Tritanopia
64, 33.705, 13.850

Trichromacy



Original Color
64, 47.222, 340.854



Protanomaly
64, 31.754, 310.382



Deuteranomaly
64, 26.085, 325.598



Tritanomaly
64, 37.020, 359.308

Monochromacy



Original Color
64, 47.222, 340.854



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 18.088, 338.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 47.222, 340.854 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(219, 124, 184)` looks like.

```
.text, #text, p{  
    color:rgb(219, 124, 184)  
}
```

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(219, 124, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 124, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 47.222, 340.854 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(219, 124, 184) }
```

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

```
.border{ border-color:rgb(219, 124, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 124, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 124, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 124, 184);  
box-shadow:4px 4px 4px 4px rgb(219, 124,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 47.222, 340.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 124, 184) }
```

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

```
.background{ background-color: rgb(219,  
124, 184) }
```

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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