

Converting Colors

CIELCh(64, 39.819, 342.330)

Have a look what the booklet for
CIELCh(64, 39.819, 342.330)
contains.

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Color

CIELCh(64, 40.350, 342.103)

Conversions

Conversions Part 1

Format	Color
Hex	D381B2
RGB	211, 129, 178
RGB Percent	83%, 51%, 70%
CMY	0.1722, 0.4938, 0.3016
CMYK	0.00, 0.39, 0.16, 0.17
HSL	324°, 48%, 67%
HSV	324°, 39%, 83%
XYZ	42.7947, 32.8017, 46.2397
YIQ	159.1040, 33.1430, 32.6230

Conversions

Conversions Part 2

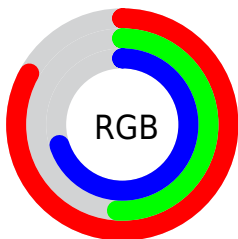
Format	Color
R_{YB}	211, 129, 178
Decimal	13861298
CIE _{Lab}	64.00, 38.40, -12.40
CIE _{LCh}	64, 40.350, 342.103
Yxy	32.8017, 0.3512, 0.2692
Android (android.graphics.Color)	4292051378 (0xFFD381B2)
YUV	159.1040, 9.3157, 45.5128
Hunter-Lab	57.2727, 33.1495, -7.7774

Details

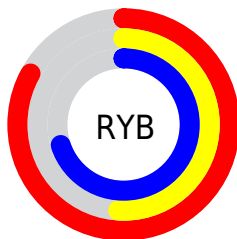
The CIELCh color $64, 40.350, 342.103$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 39.331, 155.154$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 36.941, 335.983$, and $44, 40.569, 342.312$ is the 20% darker color. If you saturate the color by 10%, you get $59, 50.129, 343.222$, and if you desaturate by 10%, it is $69, 30.045, 341.111$.

Distribution



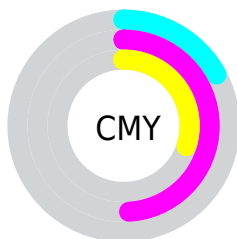
- Red (83%)
- Green (51%)
- Blue (70%)



- Red (83%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (49%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 40.350, 342.103 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, 40.350, 342.103 by changing the saturation by 10% instead.

 64, 40.350,
342.103


 64, 40.350,
342.103


 100, 40.350,
342.103


 54, 40.350,
342.103


 84, 40.350,
342.103

 44, 40.350,
342.103

 94, 40.350,
342.103

 34, 40.350,
342.103

 24, 40.350,
342.103

 14, 40.350,
342.103

 4, 40.350, 342.103

 0, 40.350, 342.103

64, 40.350,
342.103

64, 40.350,
342.103

59, 50.129,
343.222

69, 30.045,
341.111

55, 58.947,
344.513

74, 19.555,
340.212

52, 66.278,
346.043

80, 9.105, 339.374

49, 71.614,
347.906

85, 1.164, 158.999

91, 11.167,
158.006

47, 74.626,
350.223

96, 20.425,
157.678

46, 75.516,
353.076

97, 17.698,
168.003

46, 75.582,
353.420

97, 15.679,
181.421

■ 97, 14.675,
197.620

Harmonies

Complementary

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



64, 40.350, 342.103



78, 39.331, 155.154

Rectangle

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



64, 40.350, 342.103



64, 40.350, 32.103



64, 40.350, 162.103



64, 40.350, 212.103

Sweetspot

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



64, 40.347, 342.104



92, 14.439, 339.646



60, 47.649, 307.790



48, 9.588, 339.755



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, 40.347, 342.104



72, 56.352, 343.064



63, 33.861, 15.609



41, 5.797, 339.420



37, 64.028, 352.872



5, 23.005, 347.462

Inverse Universe

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



64, 40.347, 342.104



72, 56.352, 343.064



79, 27.170, 188.118



41, 5.797, 339.420



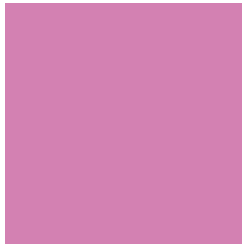
37, 64.028, 352.872



5, 23.005, 347.462

Previews

White Background



This preview shows how the CIELCh color 64, 40.350, 342.103 looks on a white background.

Color Contrast Check

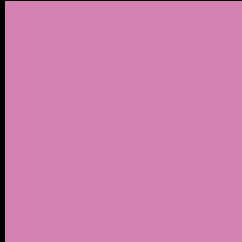
Large Text (above 18pt) WCAG AA × Fail

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 64, 40.350, 342.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

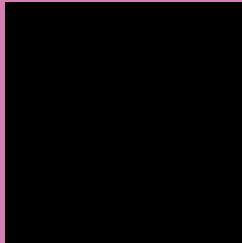
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 40.350, 342.103

Background



This preview shows how black text looks on a background with the CIELCh color 64, 40.350, 342.103.

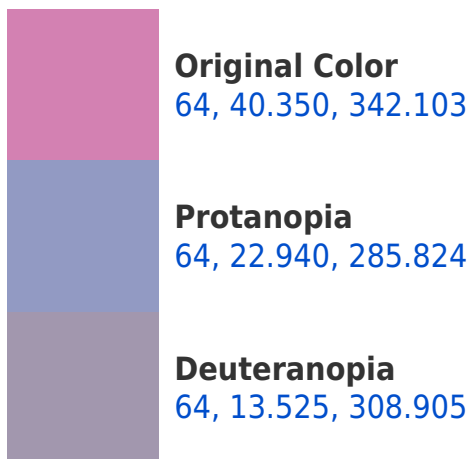


This preview shows how white text looks on a background with the CIELCh color 64, 40.350, 342.103.

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](#).

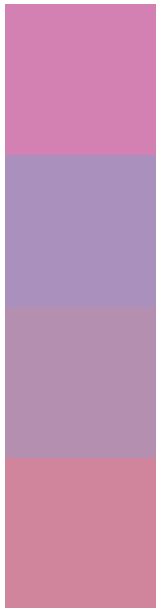
Dichromacy





Tritanopia
64, 29.538, 11.960

Trichromacy



Original Color
64, 40.350, 342.103

Protanomaly
64, 26.266, 312.438

Deuteranomaly
64, 22.585, 329.567

Tritanomaly
64, 32.025, 358.749

Monochromacy



Original Color
64, 40.350, 342.103

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.225, 339.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 40.350, 342.103 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(211, 129, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 129, 178)  
}
```

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(211, 129, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 129, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 40.350, 342.103 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(211, 129, 178) }
```

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

```
.border{ border-color:rgb(211, 129, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 129, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 129, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 129, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 129,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 40.350, 342.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 129, 178) }
```

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

```
.background{ background-color: rgb(211,  
129, 178) }
```

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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