

Converting Colors

CIELCh(64, 39.051, 5.304)

Have a look what the booklet for
CIELCh(64, 39.051, 5.304) contains.

CIELCh(64, 39.091, 5.337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 39.091, 5.337)

Conversions

Conversions Part 1

Format	Color
Hex	DD7F96
RGB	221, 127, 150
RGB Percent	87%, 50%, 59%
CMY	0.1329, 0.5015, 0.4114
CMYK	0.00, 0.43, 0.32, 0.13
HSL	345°, 58%, 68%
HSV	345°, 43%, 87%
XYZ	42.9705, 32.8017, 32.9648
YIQ	157.7280, 48.6410, 27.0810

Conversions

Conversions Part 2

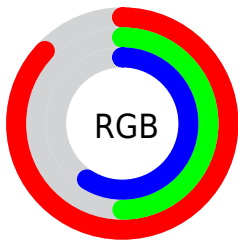
Format	Color
R _Y B	221, 127, 150
Decimal	14516118
CIE Lab	64.00, 38.92, 3.64
CIE LCh	64, 39.091, 5.337
Yxy	32.8017, 0.3952, 0.3017
Android (android.graphics.Color)	4292706198 (0xFFDD7F96)
YUV	157.7280, -3.8099, 55.4895
Hunter-Lab	57.2727, 33.6974, 5.9651

Details

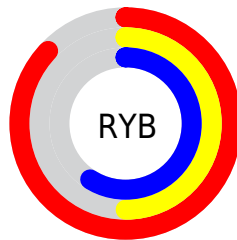
The CIELCh color **64, 39.091, 5.337** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 33.396, 175.589**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.081, 358.422**, and **44, 39.054, 5.373** is the 20% darker color. If you saturate the color by 10%, you get **59, 48.529, 7.420**, and if you desaturate by 10%, it is **69, 29.508, 3.658**.

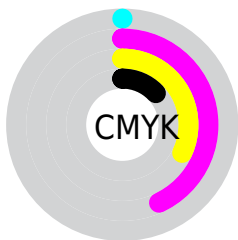
Distribution



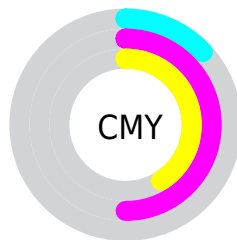
- Red (87%)
- Green (50%)
- Blue (59%)



- Red (87%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 39.091, 5.337 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, 39.091, 5.337 by changing the saturation by 10% instead.

64, 39.091, 5.337

64, 39.091, 5.337

100, 39.091, 5.337

54, 39.091, 5.337

84, 39.091, 5.337

44, 39.091, 5.337

94, 39.091, 5.337

34, 39.091, 5.337

24, 39.091, 5.337

14, 39.091, 5.337

4, 39.091, 5.337

0, 39.091, 5.337

64, 39.091, 5.337

64, 39.091, 5.337

59, 48.529, 7.420

69, 29.508, 3.658

■ 55, 57.464, 10.039

■ 75, 20.056, 2.268

■ 51, 65.491, 13.358

■ 81, 10.904, 1.086

■ 49, 72.306, 17.526

■ 87, 2.141, 359.893

■ 47, 77.875, 22.573

■ 93, 6.197, 179.367

■ 47, 81.571, 26.651

■ 98, 11.830,
187.025

■ 98, 11.441,
198.742

Harmonies

Complementary

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



64, 39.091, 5.337



82, 33.396, 175.589

Rectangle

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



64, 39.091, 5.337



64, 39.091, 55.337



64, 39.091, 185.337



64, 39.091, 235.337

Sweetspot

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



64, 39.088, 5.339



91, 12.734, 1.152



64, 56.884, 319.108



47, 8.956, 1.403



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, 39.088, 5.339



68, 52.903, 7.166



69, 33.125, 44.273



43, 4.878, 0.748



36, 67.532, 25.633



5, 23.791, 9.664

Inverse Universe

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



64, 39.088, 5.339



68, 52.903, 7.166



76, 24.627, 229.233



43, 4.878, 0.748



36, 67.532, 25.633



5, 23.791, 9.664

Previews

White Background



This preview shows how the CIELCh color 64, 39.091, 5.337 looks on a white background.

Color Contrast Check

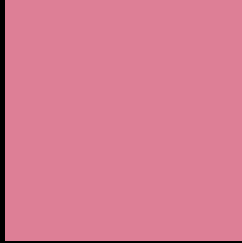
Large Text (above 18pt) WCAG AA × Fail

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, 39.091, 5.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

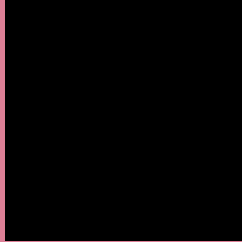
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 39.091, 5.337

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.091, 5.337.



This preview shows how white text looks on a background with the CIELCh color 64, 39.091, 5.337.

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

64, 39.091, 5.337

Protanopia

64, 6.134, 290.841

Deuteranopia

64, 9.847, 33.206



Tritanopia
64, 37.496, 15.322

Trichromacy



Original Color
64, 39.091, 5.337

Protanomaly
64, 15.577, 348.666

Deuteranomaly
64, 19.860, 13.474

Tritanomaly
64, 37.911, 11.361

Monochromacy



Original Color
64, 39.091, 5.337

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 14.054, 2.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.091, 5.337 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(221, 127, 150)` looks like.

```
.text, #text, p{  
    color:rgb(221, 127, 150)  
}
```

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(221, 127, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 127, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.091, 5.337 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(221, 127, 150) }
```

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

```
.border{ border-color:rgb(221, 127, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 127, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 127, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 127, 150); box-shadow:4px 4px 4px 4px rgb(221, 127, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.091, 5.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 127, 150) }
```

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

```
.background{ background-color: rgb(221,  
127, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor