

Converting Colors

CIELCh(63, 35.423, 3.243)

Have a look what the booklet for
CIELCh(63, 35.423, 3.243) contains.

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Color

CIELCh(63, 35.231, 3.521)

Conversions

Conversions Part 1

Format	Color
Hex	D48096
RGB	212, 128, 150
RGB Percent	83%, 50%, 59%
CMY	0.1691, 0.4984, 0.4122
CMYK	0.00, 0.40, 0.29, 0.17
HSL	344°, 49%, 67%
HSV	344°, 40%, 83%
XYZ	40.3170, 31.5869, 32.7797
YIQ	155.6240, 43.0020, 24.6500

Conversions

Conversions Part 2

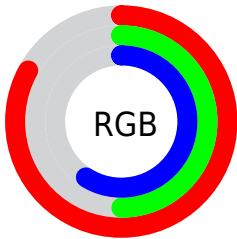
Format	Color
R _Y B	212, 128, 150
Decimal	13926550
CIE Lab	63.00, 35.16, 2.16
CIE LCh	63, 35.231, 3.521
Yxy	31.5869, 0.3851, 0.3017
Android (android.graphics.Color)	4292116630 (0xFFD48096)
YUV	155.6240, -2.7726, 49.4418
Hunter-Lab	56.2022, 29.6942, 4.7610

Details

The CIELCh color **63, 35.231, 3.521** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 30.716, 174.637**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.549, 359.031**, and **43, 35.010, 3.848** is the 20% darker color. If you saturate the color by 10%, you get **58, 44.389, 5.444**, and if you desaturate by 10%, it is **68, 25.987, 1.956**.

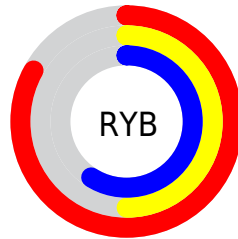
Distribution



Red (83%)

Green (50%)

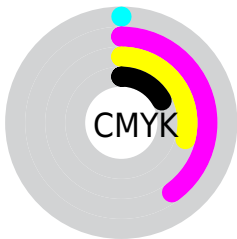
Blue (59%)



Red (83%)

Yellow (50%)

Blue (59%)

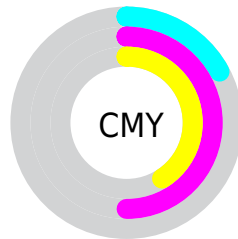


Cyan (0%)

Magenta (40%)

Yellow (29%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 35.231, 3.521 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, 35.231, 3.521 by changing the saturation by 10% instead.

 63, 35.231, 3.521  63, 35.231, 3.521

 100, 35.231, 3.521  53, 35.231, 3.521

 83, 35.231, 3.521  43, 35.231, 3.521


 93, 35.231, 3.521  33, 35.231, 3.521

 23, 35.231, 3.521

 13, 35.231, 3.521

 3, 35.231, 3.521

 0, 35.231, 3.521

 63, 35.231, 3.521  63, 35.231, 3.521

 58, 44.389, 5.444  68, 25.987, 1.956

■ 54, 53.135, 7.843

■ 74, 16.902, 0.647

■ 50, 61.071, 10.878

■ 79, 8.117, 359.512

■ 48, 67.847, 14.714

■ 85, 0.294, 180.370

■ 46, 73.336, 19.449

■ 91, 8.304, 177.854

■ 45, 77.915, 24.847

■ 97, 15.905,
177.114

■ 45, 78.087, 25.036

■ 97, 14.406,
198.545

Harmonies

Complementary

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



63, 35.231, 3.521



79, 30.716, 174.637

Rectangle

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



63, 35.231, 3.521



63, 35.231, 53.521



63, 35.231, 183.521



63, 35.231, 233.521

Sweetspot

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



63, 35.228, 3.523



92, 11.812, 359.784



63, 51.119, 318.470



48, 7.858, 359.930



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, 35.228, 3.523



70, 49.875, 5.206



67, 29.712, 42.629



42, 4.820, 359.489



36, 66.106, 24.103



5, 22.172, 8.100

Inverse Universe

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



63, 35.228, 3.523



70, 49.875, 5.206



74, 22.506, 226.412



42, 4.820, 359.489



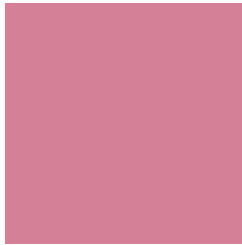
36, 66.106, 24.103



5, 22.172, 8.100

Previews

White Background



This preview shows how the CIELCh color 63, 35.231, 3.521 looks on a white background.

Color Contrast Check

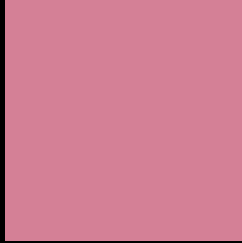
Large Text (above 18pt) WCAG AA × Fail

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 63, 35.231, 3.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

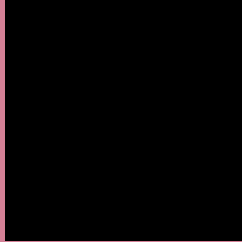
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.231, 3.521

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.231, 3.521.



This preview shows how white text looks on a background with the CIELCh color 63, 35.231, 3.521.

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, 35.231, 3.521

Protanopia
63, 6.715, 290.911

Deuteranopia
63, 8.824, 27.400



Tritanopia
63, 33.394, 14.684

Trichromacy



Original Color
63, 35.231, 3.521

Protanomaly
63, 14.945, 344.274

Deuteranomaly
63, 17.900, 10.571

Tritanomaly
63, 33.884, 10.221

Monochromacy



Original Color
63, 35.231, 3.521

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 12.567, 359.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.231, 3.521 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, 128, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 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(212, 128, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.231, 3.521 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, 128, 150) }
```

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

```
.border{ border-color:rgb(212, 128, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.231, 3.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 150) }
```

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

```
.background{ background-color: rgb(212,  
128, 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](#).

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