

Converting Colors

CIELCh(63, 37.995, 358.075)

Have a look what the booklet for
CIELCh(63, 37.995, 358.075)
contains.

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Color

CIELCh(63, 37.775, 358.101)

Conversions

Conversions Part 1

Format	Color
Hex	D67E9C
RGB	214, 126, 156
RGB Percent	84%, 49%, 61%
CMY	0.1611, 0.5061, 0.3885
CMYK	0.00, 0.41, 0.27, 0.16
HSL	340°, 52%, 67%
HSV	340°, 41%, 84%
XYZ	41.1566, 31.5869, 35.3498
YIQ	155.7320, 42.8180, 27.9860

Conversions

Conversions Part 2

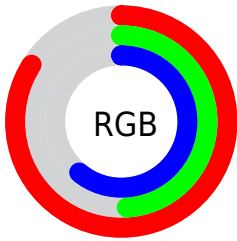
Format	Color
R _Y B	214, 126, 156
Decimal	14057116
CIE Lab	63.00, 37.75, -1.25
CIE LCh	63, 37.775, 358.101
Yxy	31.5869, 0.3808, 0.2922
Android (android.graphics.Color)	4292247196 (0xFFD67E9C)
YUV	155.7320, 0.1321, 51.1010
Hunter-Lab	56.2022, 32.3606, 2.0497

Details

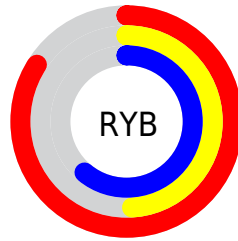
The CIELCh color $63, 37.775, 358.101$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 34.019, 168.894$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 31.762, 352.480$, and $43, 37.510, 358.141$ is the 20% darker color. If you saturate the color by 10%, you get $58, 46.878, 359.936$, and if you desaturate by 10%, it is $68, 28.392, 356.591$.

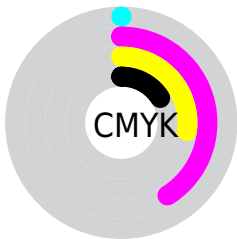
Distribution



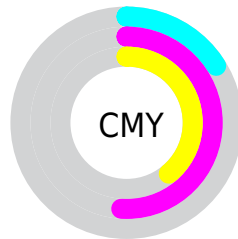
- Red (84%)
- Green (49%)
- Blue (61%)



- Red (84%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 37.775, 358.101 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, 37.775, 358.101 by changing the saturation by 10% instead.


 63, 37.775,
358.101


 63, 37.775,
358.101


 100, 37.775,
358.101


 53, 37.775,
358.101


 83, 37.775,
358.101

 43, 37.775,
358.101

 93, 37.775,
358.101

 33, 37.775,
358.101

 23, 37.775,
358.101

 13, 37.775,
358.101

 3, 37.775, 358.101

 0, 37.775, 358.101

63, 37.775,
358.101

63, 37.775,
358.101

58, 46.878,
359.936

68, 28.392,
356.591

54, 55.322, 2.207

74, 19.024,
355.312

51, 62.659, 5.073

79, 9.854, 354.196

48, 68.513, 8.709

85, 0.986, 352.798

46, 72.772, 13.264

91, 7.528, 172.511

45, 75.665, 17.935

97, 15.676,
171.719

97, 13.770,
197.796

97, 13.755,
198.588

Harmonies

Complementary

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



63, 37.775, 358.101



80, 34.019, 168.894

Rectangle

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



63, 37.775, 358.101



63, 37.775, 48.101



63, 37.775, 178.101



63, 37.775, 228.101

Sweetspot

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



63, 37.772, 358.103



92, 12.273, 354.302



62, 52.727, 315.908



48, 8.160, 354.444



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, 37.772, 358.103



70, 51.856, 359.609



65, 32.903, 34.974



42, 5.014, 354.015



36, 63.753, 16.979



5, 22.429, 4.069

Inverse Universe

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



63, 37.772, 358.103



70, 51.856, 359.609



77, 24.208, 215.001



42, 5.014, 354.015



36, 63.753, 16.979



5, 22.429, 4.069

Previews

White Background



This preview shows how the CIELCh color 63, 37.775, 358.101 looks on a white background.

Color Contrast Check

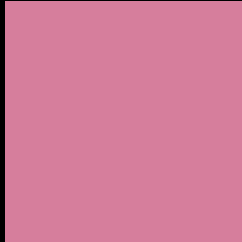
Large Text (above 18pt) WCAG AA × Fail

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, 37.775, 358.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

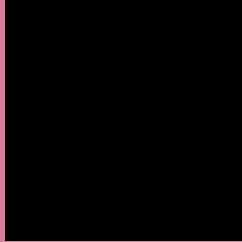
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.775, 358.101

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.775, 358.101.

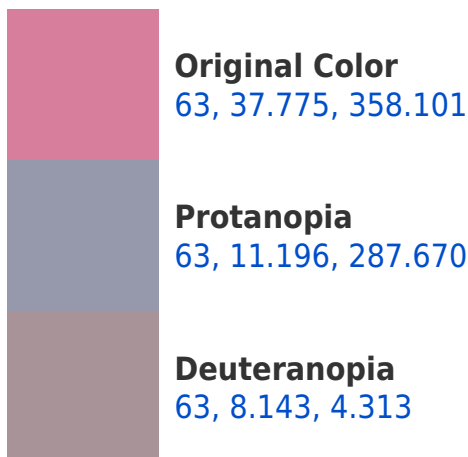


This preview shows how white text looks on a background with the CIELCh color 63, 37.775, 358.101.

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
63, 34.241, 14.103

Trichromacy



Original Color
63, 37.775, 358.101

Protanomaly
63, 17.205, 332.817

Deuteranomaly
63, 19.108, 359.273

Tritanomaly
63, 35.229, 8.193

Monochromacy



Original Color
63, 37.775, 358.101

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.900, 354.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.775, 358.101 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(214, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(214, 126, 156)  
}
```

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(214, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 126, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.775, 358.101 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(214, 126, 156) }
```

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

```
.border{ border-color:rgb(214, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(214, 126,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.775, 358.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 126, 156) }
```

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

```
.background{ background-color: rgb(214,  
126, 156) }
```

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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