

Converting Colors

CIELCh(63, 44.667, 336.685)

Have a look what the booklet for
CIELCh(63, 44.667, 336.685)
contains.

CIELCh(63, 44.634, 336.669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 44.634, 336.669)

Conversions

Conversions Part 1

Format	Color
Hex	D17DB9
RGB	209, 125, 185
RGB Percent	82%, 49%, 73%
CMY	0.1817, 0.5110, 0.2757
CMYK	0.00, 0.40, 0.11, 0.18
HSL	317°, 48%, 65%
HSV	317°, 40%, 82%
XYZ	42.2199, 31.5869, 49.5963
YIQ	156.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

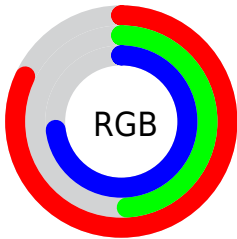
Format	Color
R _Y B	209, 125, 185
Decimal	13729209
CIE Lab	63.00, 40.98, -17.68
CIE LCh	63, 44.634, 336.669
Yxy	31.5869, 0.3421, 0.2560
Android (android.graphics.Color)	4291919289 (0xFFD17DB9)
YUV	156.9560, 13.8257, 45.6426
Hunter-Lab	56.2022, 35.7378, -12.9795

Details

The CIELCh color $63, 44.634, 336.669$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $77, 44.206, 150.221$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 41.976, 331.884$, and $43, 44.919, 336.578$ is the 20% darker color. If you saturate the color by 10%, you get $59, 54.843, 337.543$, and if you desaturate by 10%, it is $68, 33.753, 335.859$.

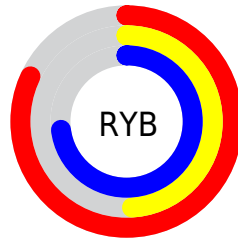
Distribution



Red (82%)

Green (49%)

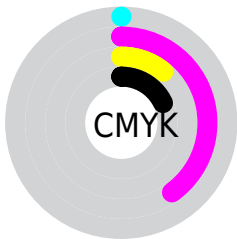
Blue (73%)



Red (82%)

Yellow (49%)

Blue (73%)

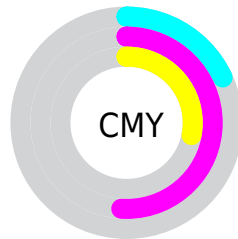


Cyan (0%)

Magenta (40%)

Yellow (11%)

Black (18%)



Cyan (18%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 44.634, 336.669 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, 44.634, 336.669 by changing the saturation by 10% instead.

 63, 44.634,
336.669

 63, 44.634,
336.669

 100, 44.634,
336.669

 53, 44.634,
336.669

 83, 44.634,
336.669

 43, 44.634,
336.669

 93, 44.634,
336.669

 33, 44.634,
336.669

 23, 44.634,
336.669

 13, 44.634,
336.669

 3, 44.634, 336.669

 0, 44.634, 336.669

63, 44.634,
336.669

63, 44.634,
336.669

59, 54.843,
337.543

68, 33.753,
335.859

55, 63.917,
338.501

73, 22.574,
335.098

52, 71.317,
339.577

78, 11.357,
334.371

49, 76.548,
340.823

84, 0.272, 332.462

47, 79.312,
342.304


89, 10.576,
153.129

47, 79.975,
344.006

95, 21.130,
152.515

96, 21.986,
156.396

96, 19.949,
162.681

 97, 18.178,
170.250

Harmonies

Complementary

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



63, 44.634, 336.669



77, 44.206, 150.221

Rectangle

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



63, 44.634, 336.669



63, 44.634, 26.669



63, 44.634, 156.669



63, 44.634, 206.669

Sweetspot

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



63, 44.631, 336.670



92, 15.681, 334.508



58, 48.528, 304.182



48, 10.410, 334.603



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, 44.631, 336.670



72, 61.870, 337.390



62, 35.032, 6.988



41, 6.299, 334.311



37, 68.341, 343.698



5, 24.966, 340.109

Inverse Universe

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



63, 44.631, 336.670



72, 61.870, 337.390



78, 29.771, 178.049



41, 6.299, 334.311



37, 68.341, 343.698



5, 24.966, 340.109

Previews

White Background



This preview shows how the CIELCh color 63, 44.634, 336.669 looks on a white background.

Color Contrast Check

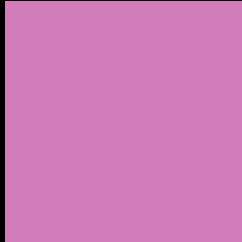
Large Text (above 18pt) WCAG AA × Fail

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, 44.634, 336.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

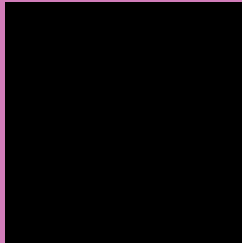
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 44.634, 336.669

Background



This preview shows how black text looks on a background with the CIELCh color 63, 44.634, 336.669.

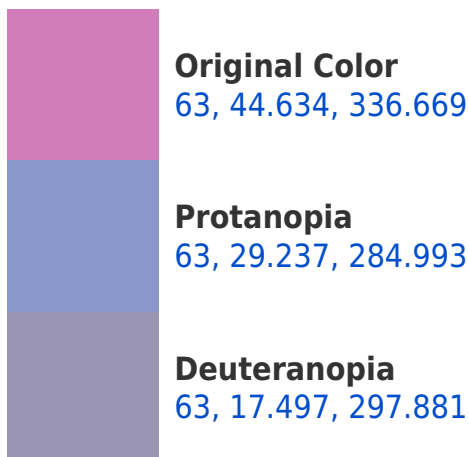


This preview shows how white text looks on a background with the CIELCh color 63, 44.634, 336.669.

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, 29.209, 11.808

Trichromacy



Original Color
63, 44.634, 336.669



Protanomaly
62, 32.004, 307.677



Deuteranomaly
63, 26.653, 320.111



Tritanomaly
63, 33.161, 355.534

Monochromacy



Original Color
63, 44.634, 336.669



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 17.027, 335.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 44.634, 336.669 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(209, 125, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 125, 185)  
}
```

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(209, 125, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 125, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 44.634, 336.669 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(209, 125, 185) }
```

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

```
.border{ border-color:rgb(209, 125, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 125, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 125, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 125, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 125,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 44.634, 336.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 125, 185) }
```

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

```
.background{ background-color: rgb(209,  
125, 185) }
```

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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