

Converting Colors

CIELCh(63, 41.024, 1.762)

Have a look what the booklet for
CIELCh(63, 41.024, 1.762) contains.

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Color

CIELCh(63, 40.917, 1.626)

Conversions

Conversions Part 1

Format	Color
Hex	DC7B98
RGB	220, 123, 152
RGB Percent	86%, 48%, 60%
CMY	0.1378, 0.5182, 0.4044
CMYK	0.00, 0.44, 0.31, 0.14
HSL	342°, 58%, 67%
HSV	342°, 44%, 86%
XYZ	42.1921, 31.5869, 33.5208
YIQ	155.3090, 48.5030, 29.5830

Conversions

Conversions Part 2

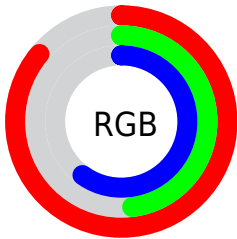
Format	Color
R _Y B	220, 123, 152
Decimal	14449560
CIE Lab	63.00, 40.90, 1.16
CIE LCh	63, 40.917, 1.626
Yxy	31.5869, 0.3932, 0.2944
Android (android.graphics.Color)	4292639640 (0xFFDC7B98)
YUV	155.3090, -1.6313, 56.7340
Hunter-Lab	56.2022, 35.6494, 3.9792

Details

The CIELCh color $63, 40.917, 1.626$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $81, 35.807, 171.380$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 32.612, 354.477$, and $43, 40.810, 1.601$ is the 20% darker color. If you saturate the color by 10%, you get $58, 50.121, 3.683$, and if you desaturate by 10%, it is $68, 31.400, 359.958$.

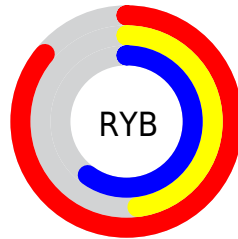
Distribution



Red (86%)

Green (48%)

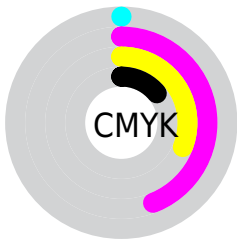
Blue (60%)



Red (86%)

Yellow (48%)

Blue (60%)

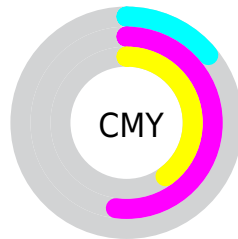


Cyan (0%)

Magenta (44%)

Yellow (31%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 40.917, 1.626 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, 40.917, 1.626 by changing the saturation by 10% instead.

 63, 40.917, 1.626

 63, 40.917, 1.626

 100, 40.917, 1.626

 53, 40.917, 1.626

 83, 40.917, 1.626

 43, 40.917, 1.626

 93, 40.917, 1.626

 33, 40.917, 1.626

 23, 40.917, 1.626

 13, 40.917, 1.626

 3, 40.917, 1.626

 0, 40.917, 1.626

 63, 40.917, 1.626

 63, 40.917, 1.626

 58, 50.121, 3.683

 68, 31.400,

54, 58.616, 6.259

359.958

51, 65.972, 9.526

74, 21.886,
358.568

48, 71.890, 13.650

79, 12.577,
357.380

47, 76.398, 18.701

46, 78.741, 21.920

85, 3.592, 356.267

91, 5.015, 175.628

97, 13.227,
174.779

98, 11.852,
198.714

Harmonies

Complementary

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



63, 40.917, 1.626



81, 35.807, 171.380

Rectangle

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



63, 40.917, 1.626



63, 40.917, 51.626



63, 40.917, 181.626



63, 40.917, 231.626

Sweetspot

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



63, 40.914, 1.628



91, 13.042, 357.268



62, 58.247, 317.605



47, 9.166, 357.517



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, 40.914, 1.628



67, 55.391, 3.531



67, 35.365, 39.586



43, 5.002, 356.868



36, 65.600, 20.911



6, 23.896, 6.997

Inverse Universe

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



63, 40.914, 1.628



67, 55.391, 3.531



77, 25.520, 222.190



43, 5.002, 356.868



36, 65.600, 20.911



6, 23.896, 6.997

Previews

White Background



This preview shows how the CIELCh color 63, 40.917, 1.626 looks on a white background.

Color Contrast Check

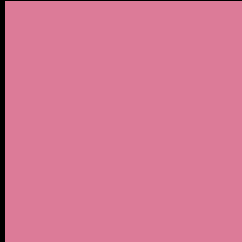
Large Text (above 18pt) WCAG AA × Fail

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 63, 40.917, 1.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

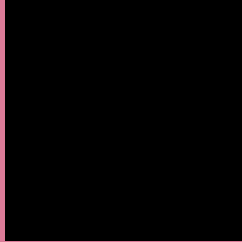
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 40.917, 1.626

Background



This preview shows how black text looks on a background with the CIELCh color 63, 40.917, 1.626.

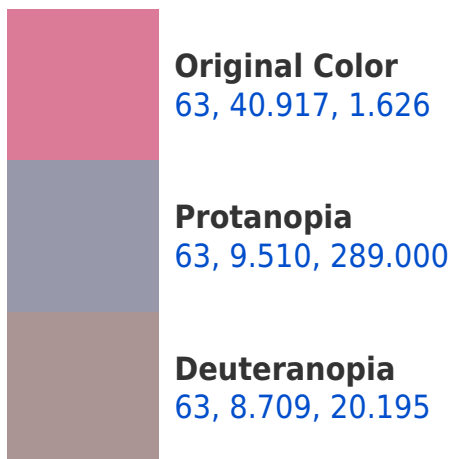


This preview shows how white text looks on a background with the CIELCh color 63, 40.917, 1.626.

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, 38.082, 16.389

Trichromacy



Original Color
63, 40.917, 1.626

Protanomaly
62, 18.187, 338.804

Deuteranomaly
63, 20.252, 5.706

Tritanomaly
63, 38.849, 11.023

Monochromacy



Original Color
63, 40.917, 1.626

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.376, 357.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 40.917, 1.626 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(220, 123, 152)` looks like.

```
.text, #text, p{  
    color:rgb(220, 123, 152)  
}
```

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(220, 123, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 123, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 40.917, 1.626 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(220, 123, 152) }
```

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

```
.border{ border-color:rgb(220, 123, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 123, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 123, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 123, 152);  
box-shadow:4px 4px 4px 4px rgb(220, 123,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 40.917, 1.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 123, 152) }
```

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

```
.background{ background-color: rgb(220,  
123, 152) }
```

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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