

Converting Colors

CIELCh(63, 55.955, 326.654)

Have a look what the booklet for
CIELCh(63, 55.955, 326.654)
contains.

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Color

CIELCh(63, 55.988, 326.660)

Conversions

Conversions Part 1

Format	Color
Hex	D079D0
RGB	208, 121, 208
RGB Percent	82%, 47%, 82%
CMY	0.1848, 0.5259, 0.1848
CMYK	0.00, 0.42, 0.00, 0.18
HSL	300°, 48%, 64%
HSV	300°, 42%, 82%
XYZ	44.1713, 31.5869, 63.3651
YIQ	156.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

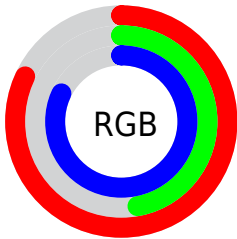
Format	Color
R_{YB}	208, 121, 208
Decimal	13662672
CIE _{Lab}	63.00, 46.77, -30.77
CIE _{LCh}	63, 55.988, 326.660
Yxy	31.5869, 0.3175, 0.2270
Android (android.graphics.Color)	4291852752 (0xFFD079D0)
YUV	156.9310, 25.1770, 44.7875
Hunter-Lab	56.2022, 41.9355, -27.5048

Details

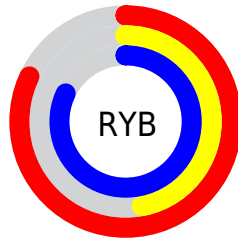
The CIELCh color **63, 55.988, 326.660** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76, 56.126, 141.224**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 50.046, 326.153**, and **43, 55.734, 326.832** is the 20% darker color. If you saturate the color by 10%, you get **59, 68.020, 327.116**, and if you desaturate by 10%, it is **67, 43.037, 326.158**.

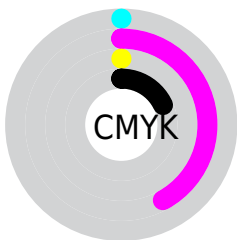
Distribution



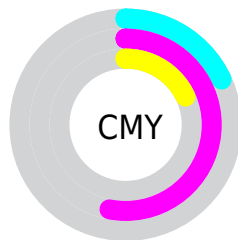
- Red (82%)
- Green (47%)
- Blue (82%)



- Red (82%)
- Yellow (47%)
- Blue (82%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (53%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 55.988, 326.660 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, 55.988, 326.660 by changing the saturation by 10% instead.


 63, 55.988,
326.660


 63, 55.988,
326.660


 100, 55.988,
326.660


 53, 55.988,
326.660


 83, 55.988,
326.660

 43, 55.988,
326.660

 93, 55.988,
326.660

 33, 55.988,
326.660

 23, 55.988,
326.660

 13, 55.988,
326.660

 3, 55.988, 326.660

 0, 55.988, 326.660

63, 55.988,
326.660

63, 55.988,
326.660

59, 68.020,
327.116

67, 43.037,
326.158

56, 78.635,
327.507

72, 29.601,
325.625

53, 87.314,
327.820

77, 16.006,
325.072

51, 93.642,
328.043

82, 2.484, 324.436

50, 97.450,
328.176


88, 10.811,
144.029

49, 99.068,
328.232

93, 23.785,
143.494

96, 29.520,
143.263

96, 29.520,
143.262

 96, 29.519,
143.262

Harmonies

Complementary

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



63, 55.988, 326.660



76, 56.126, 141.224

Rectangle

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



63, 55.988, 326.660



63, 55.988, 16.660



63, 55.988, 146.660



63, 55.988, 196.660

Sweetspot

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



63, 55.986, 326.660



92, 20.746, 325.146



55, 49.149, 295.271



48, 14.530, 325.270



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, 55.986, 326.660



72, 77.664, 327.062



61, 40.802, 346.886



41, 7.693, 324.935



40, 84.660, 328.232



6, 31.113, 327.824

Inverse Universe

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



60, 36.953, 23.601



68, 53.508, 25.247



77, 39.031, 158.622



41, 4.460, 19.926



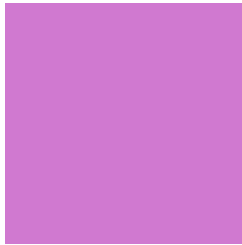
35, 76.454, 39.863



4, 20.018, 19.466

Previews

White Background



This preview shows how the CIELCh color 63, 55.988, 326.660 looks on a white background.

Color Contrast Check

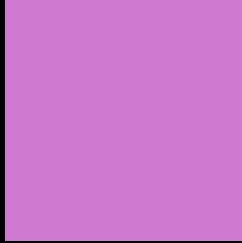
Large Text (above 18pt) WCAG AA × Fail

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, 55.988, 326.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

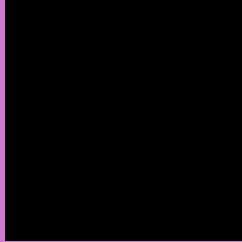
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 55.988, 326.660

Background



This preview shows how black text looks on a background with the CIELCh color 63, 55.988, 326.660.

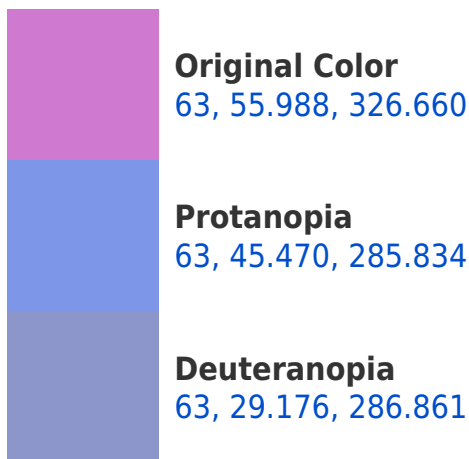


This preview shows how white text looks on a background with the CIELCh color 63, 55.988, 326.660.

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, 26.720, 10.450

Trichromacy



Original Color
63, 55.988, 326.660



Protanomaly
62, 47.500, 301.010



Deuteranomaly
62, 37.659, 307.315



Tritanomaly
63, 34.560, 345.941

Monochromacy



Original Color
63, 55.988, 326.660



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 21.504, 325.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 55.988, 326.660 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(208, 121, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 121, 208)  
}
```

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(208, 121, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 121, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 55.988, 326.660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

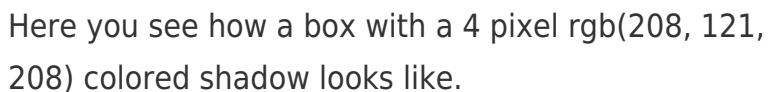
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 121, 208) }
```

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

```
.border{ border-color:rgb(208, 121, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 121, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 121, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 121, 208); box-shadow:4px 4px 4px 4px rgb(208, 121, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 55.988, 326.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 121, 208) }
```

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

```
.background{ background-color: rgb(208,  
121, 208) }
```

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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