

Converting Colors

CIELCh(63, 28.204, 325.694)

Have a look what the booklet for
CIELCh(63, 28.204, 325.694)
contains.

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Color

CIELCh(63, 28.093, 325.687)

Conversions

Conversions Part 1

Format	Color
Hex	B58BB5
RGB	181, 139, 181
RGB Percent	71%, 55%, 71%
CMY	0.2905, 0.4552, 0.2905
CMYK	0.00, 0.23, 0.00, 0.29
HSL	300°, 22%, 63%
HSV	300°, 23%, 71%
XYZ	36.5876, 31.5869, 47.8379
YIQ	156.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

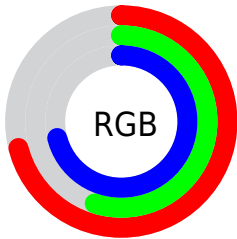
Format	Color
RYB	181, 139, 181
Decimal	11897781
CIELab	63.00, 23.20, -15.84
CIELCh	63, 28.093, 325.687
Yxy	31.5869, 0.3154, 0.2723
Android (android.graphics.Color)	4290087861 (0xFFB58BB5)
YUV	156.3460, 12.1544, 21.6216
Hunter-Lab	56.2022, 17.8495, -11.1245

Details

The CIELCh color $63, 28.093, 325.687$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 28.077, 142.933$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.971, 325.454$, and $43, 28.459, 326.065$ is the 20% darker color. If you saturate the color by 10%, you get $59, 40.059, 326.213$, and if you desaturate by 10%, it is $67, 15.953, 325.142$.

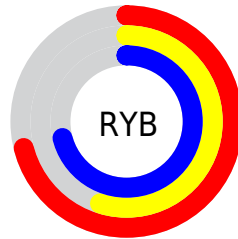
Distribution



Red (71%)

Green (55%)

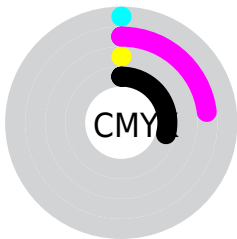
Blue (71%)



Red (71%)

Yellow (55%)

Blue (71%)

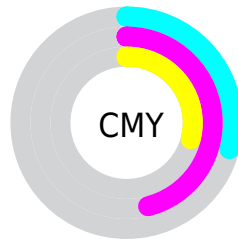


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (46%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 28.093, 325.687 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, 28.093, 325.687 by changing the saturation by 10% instead.

 63, 28.093,
325.687

 63, 28.093,
325.687

 100, 28.093,
325.687

 53, 28.093,
325.687

 83, 28.093,
325.687

 43, 28.093,
325.687

 93, 28.093,
325.687

 33, 28.093,
325.687

 23, 28.093,
325.687

 13, 28.093,
325.687

 3, 28.093, 325.687

 0, 28.093, 325.687

63, 28.093,
325.687

63, 28.093,
325.687

59, 40.059,
326.213

67, 15.953,
325.142

55, 51.560,
326.706

72, 3.858, 324.553

77, 8.050, 144.111

51, 62.212,
327.153

82, 19.683,
143.573

48, 71.568,
327.535

87, 30.991,
143.069

46, 79.177,
327.838

92, 41.950,
142.592

44, 84.687,
328.054


94, 46.407,
142.401

43, 87.968,
328.180

94, 46.406,
142.401

43, 89.314,

328.232

 94, 46.406,
142.401

Harmonies

Complementary

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



63, 28.093, 325.687



70, 28.077, 142.933

Rectangle

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



63, 28.093, 325.687



63, 28.093, 15.687



63, 28.093, 145.687



63, 28.093, 195.687

Sweetspot

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



63, 28.091, 325.687



89, 10.406, 324.799



59, 23.400, 292.198



47, 6.758, 324.832



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 28.091, 325.687



77, 41.815, 325.966



62, 20.193, 344.769



35, 6.751, 324.924



36, 78.927, 328.232



3, 16.262, 324.439

Inverse Universe

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



62, 17.104, 21.122



75, 25.994, 21.689



70, 19.668, 160.747



35, 3.911, 19.911



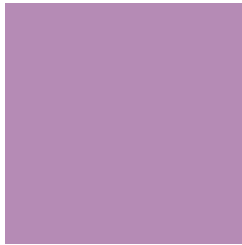
31, 70.930, 39.526



2, 9.156, 19.404

Previews

White Background



This preview shows how the CIELCh color 63, 28.093, 325.687 looks on a white background.

Color Contrast Check

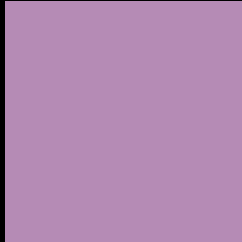
Large Text (above 18pt) WCAG AA × Fail

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, 28.093, 325.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

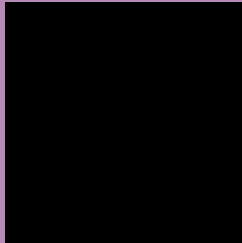
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 28.093, 325.687

Background



This preview shows how black text looks on a background with the CIELCh color 63, 28.093, 325.687.



This preview shows how white text looks on a background with the CIELCh color 63, 28.093, 325.687.

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, 28.093, 325.687

Protanopia
63, 21.332, 286.016

Deuteranopia
63, 16.986, 299.239



Tritanopia
63, 14.273, 355.505

Trichromacy



Original Color
63, 28.093, 325.687

Protanomaly
63, 22.215, 301.599

Deuteranomaly
63, 20.883, 311.408

Tritanomaly
63, 18.449, 339.656

Monochromacy



Original Color
63, 28.093, 325.687

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.162, 324.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 28.093, 325.687 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(181, 139, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 139, 181)  
}
```

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(181, 139, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 139, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 28.093, 325.687 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(181, 139, 181) }
```

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

```
.border{ border-color:rgb(181, 139, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 139, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 139, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 139, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 139,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 28.093, 325.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 139, 181) }
```

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

```
.background{ background-color: rgb(181,  
139, 181) }
```

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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