

Converting Colors

CIELCh(63, 27.363, 325.657)

Have a look what the booklet for
CIELCh(63, 27.363, 325.657)
contains.

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Color

CIELCh(63, 27.453, 325.664)

Conversions

Conversions Part 1

Format	Color
Hex	B48BB4
RGB	180, 139, 180
RGB Percent	71%, 55%, 71%
CMY	0.2930, 0.4538, 0.2930
CMYK	0.00, 0.23, 0.00, 0.29
HSL	300°, 22%, 63%
HSV	300°, 23%, 71%
XYZ	36.4265, 31.5869, 47.5067
YIQ	155.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

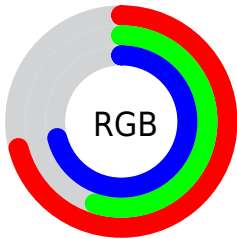
Format	Color
RYB	180, 139, 180
Decimal	11832244
CIELab	63.00, 22.67, -15.48
CIELCh	63, 27.453, 325.664
Yxy	31.5869, 0.3153, 0.2734
Android (android.graphics.Color)	4290022324 (0xFFB48BB4)
YUV	155.9330, 11.8650, 21.1068
Hunter-Lab	56.2022, 17.3376, -10.7752

Details

The CIELCh color $63, 27.453, 325.664$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 27.436, 142.972$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.355, 325.434$, and $43, 27.089, 325.997$ is the 20% darker color. If you saturate the color by 10%, you get $59, 39.398, 326.191$, and if you desaturate by 10%, it is $67, 15.346, 325.118$.

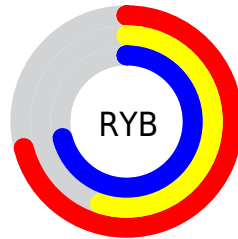
Distribution



Red (71%)

Green (55%)

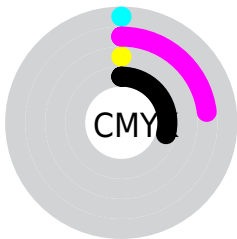
Blue (71%)



Red (71%)

Yellow (55%)

Blue (71%)

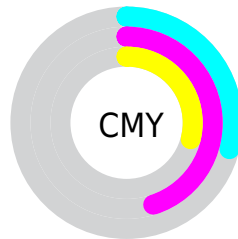


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (45%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 27.453, 325.664 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, 27.453, 325.664 by changing the saturation by 10% instead.

 63, 27.453,
325.664


 63, 27.453,
325.664

 100, 27.453,
325.664

 53, 27.453,
325.664

 83, 27.453,
325.664

 43, 27.453,
325.664

 93, 27.453,
325.664

 33, 27.453,
325.664

 23, 27.453,
325.664

 13, 27.453,
325.664

 3, 27.453, 325.664

 0, 27.453, 325.664

63, 27.453,
325.664

63, 27.453,
325.664

59, 39.398,
326.191

67, 15.346,
325.118

55, 50.896,
326.686

72, 3.292, 324.520

77, 8.571, 144.086

51, 61.568,
327.135

82, 20.157,
143.551

48, 70.969,
327.521

87, 31.416,
143.049

46, 78.649,
327.828

92, 42.327,
142.573

44, 84.249,
328.048


94, 46.796,
142.381

43, 87.627,
328.179

94, 46.795,
142.382

43, 89.078,

328.235

 94, 46.795,
142.382

Harmonies

Complementary

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



63, 27.453, 325.664



70, 27.436, 142.972

Rectangle

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



63, 27.453, 325.664



63, 27.453, 15.664



63, 27.453, 145.664



63, 27.453, 195.664

Sweetspot

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



63, 27.451, 325.664



89, 10.406, 324.801



59, 23.254, 292.773



47, 6.758, 324.834



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, 27.451, 325.664



78, 40.333, 325.915



62, 19.521, 345.645



35, 6.750, 324.926



36, 78.923, 328.235



3, 16.261, 324.442

Inverse Universe

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



63, 27.451, 325.664



78, 40.333, 325.915



70, 18.981, 161.658



35, 6.750, 324.926



36, 78.923, 328.235



3, 16.261, 324.442

Previews

White Background



This preview shows how the CIELCh color 63, 27.453, 325.664 looks on a white background.

Color Contrast Check

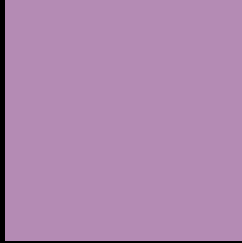
Large Text (above 18pt) WCAG AA × Fail

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, 27.453, 325.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

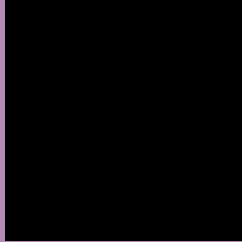
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.453, 325.664

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.453, 325.664.



This preview shows how white text looks on a background with the CIELCh color 63, 27.453, 325.664.

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, 14.273, 355.505

Trichromacy



Original Color
63, 27.453, 325.664

Protanomaly
63, 21.664, 301.803

Deuteranomaly
63, 20.361, 311.921

Tritanomaly
63, 18.449, 339.656

Monochromacy



Original Color
63, 27.453, 325.664

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, 27.453, 325.664 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(180, 139, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 139, 180)  
}
```

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(180, 139, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 139, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.453, 325.664 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(180, 139, 180) }
```

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

```
.border{ border-color:rgb(180, 139, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 139, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 139, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 139, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 139,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.453, 325.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 139, 180) }
```

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

```
.background{ background-color: rgb(180,  
139, 180) }
```

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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