

Converting Colors

CIELCh(63, 21.390, 335.139)

Have a look what the booklet for
CIELCh(63, 21.390, 335.139)
contains.

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Color

CIELCh(63, 21.490, 335.041)

Conversions

Conversions Part 1

Format	Color
Hex	B48DA9
RGB	180, 141, 169
RGB Percent	71%, 55%, 66%
CMY	0.2944, 0.4473, 0.3375
CMYK	0.00, 0.22, 0.06, 0.29
HSL	317°, 21%, 63%
HSV	317°, 22%, 71%
XYZ	35.4762, 31.5869, 41.7295
YIQ	155.8530, 14.2560, 16.9760

Conversions

Conversions Part 2

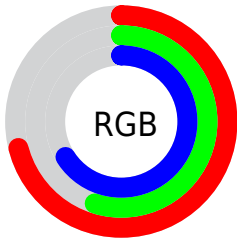
Format	Color
R_{YB}	180, 141, 169
Decimal	11832745
CIE _{Lab}	63.00, 19.48, -9.07
CIE _{LCh}	63, 21.490, 335.041
Yxy	31.5869, 0.3261, 0.2903
Android (android.graphics.Color)	4290022825 (0xFFB48DA9)
YUV	155.8530, 6.4815, 21.1769
Hunter-Lab	56.2022, 14.3195, -4.6805

Details

The CIELCh color $63, 21.490, 335.041$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 21.325, 151.970$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.282, 335.186$, and $43, 21.222, 335.300$ is the 20% darker color. If you saturate the color by 10%, you get $59, 31.403, 335.796$, and if you desaturate by 10%, it is $68, 11.514, 334.323$.

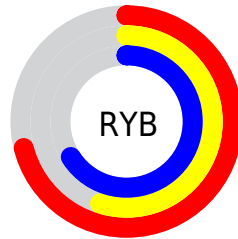
Distribution



Red (71%)

Green (55%)

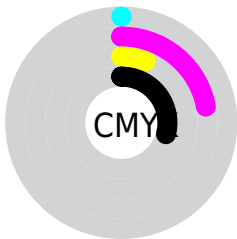
Blue (66%)



Red (71%)

Yellow (55%)

Blue (66%)

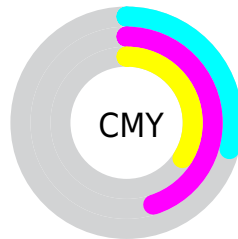


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.490, 335.041 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, 21.490, 335.041 by changing the saturation by 10% instead.


 63, 21.490,
335.041


 63, 21.490,
335.041


 100, 21.490,
335.041


 53, 21.490,
335.041


 83, 21.490,
335.041

 43, 21.490,
335.041

 93, 21.490,
335.041

 33, 21.490,
335.041

 23, 21.490,
335.041

 13, 21.490,
335.041

 3, 21.490, 335.041

 0, 21.490, 335.041

63, 21.490,
335.041

63, 21.490,
335.041

59, 31.403,
335.796

68, 11.514,
334.323

54, 41.021,
336.599

72, 1.641, 333.494

77, 8.036, 153.089

50, 50.015,
337.463

82, 17.459,
152.473

47, 57.965,
338.410

87, 26.604,
151.904

44, 64.405,
339.473

92, 35.464,
151.371

42, 68.912,
340.702


94, 37.114,
152.939

41, 71.245,
342.159

94, 35.213,
155.801

40, 71.909,

343.545

 94, 33.390,
158.966

Harmonies

Complementary

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



63, 21.490, 335.041



70, 21.325, 151.970

Rectangle

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



63, 21.490, 335.041



63, 21.490, 25.041



63, 21.490, 155.041



63, 21.490, 205.041

Sweetspot

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



63, 21.488, 335.042



89, 8.539, 333.997



61, 22.398, 302.011



47, 5.546, 334.039



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, 21.488, 335.042



78, 32.007, 335.397



62, 16.227, 2.954



35, 5.541, 334.155



34, 63.954, 343.293



2, 12.389, 337.822

Inverse Universe

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



63, 21.488, 335.042



78, 32.007, 335.397



70, 15.006, 178.762



35, 5.541, 334.155



34, 63.954, 343.293



2, 12.389, 337.822

Previews

White Background



This preview shows how the CIELCh color 63, 21.490, 335.041 looks on a white background.

Color Contrast Check

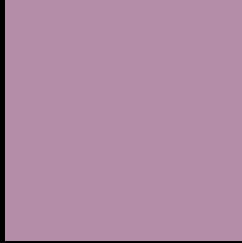
Large Text (above 18pt) WCAG AA × Fail

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, 21.490, 335.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

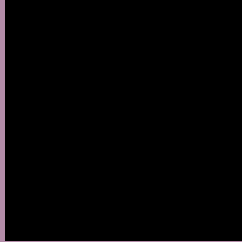
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.490, 335.041

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.490, 335.041.



This preview shows how white text looks on a background with the CIELCh color 63, 21.490, 335.041.

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, 21.490, 335.041

Protanopia

63, 14.015, 287.302

Deuteranopia

63, 12.265, 314.607



Tritanopia
63, 15.219, 354.981

Trichromacy



Original Color
63, 21.490, 335.041

Protanomaly
63, 15.408, 309.741

Deuteranomaly
63, 15.566, 325.165

Tritanomaly
63, 17.457, 346.197

Monochromacy



Original Color
63, 21.490, 335.041

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.761, 334.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.490, 335.041 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, 141, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 169)  
}
```

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, 141, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.490, 335.041 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, 141, 169) }
```

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

```
.border{ border-color:rgb(180, 141, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 141, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 141, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 141, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 141,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.490, 335.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 169) }
```

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

```
.background{ background-color: rgb(180,  
141, 169) }
```

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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