

Converting Colors

CIELCh(63, 22.546, 318.661)

Have a look what the booklet for
CIELCh(63, 22.546, 318.661)
contains.

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Color

CIELCh(63, 22.693, 319.006)

Conversions

Conversions Part 1

Format	Color
Hex	AB8FB3
RGB	171, 143, 179
RGB Percent	67%, 56%, 70%
CMY	0.3291, 0.4389, 0.2978
CMYK	0.04, 0.20, 0.00, 0.30
HSL	287°, 19%, 63%
HSV	287°, 20%, 70%
XYZ	34.7846, 31.5869, 46.9465
YIQ	155.4760, 5.1320, 17.1320

Conversions

Conversions Part 2

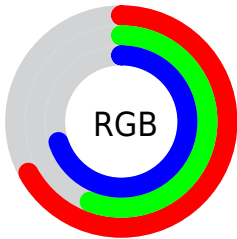
Format	Color
RYB	171, 143, 179
Decimal	11243443
CIELab	63.00, 17.13, -14.89
CIELCh	63, 22.693, 319.006
Yxy	31.5869, 0.3070, 0.2787
Android (android.graphics.Color)	4289433523 (0xFFAB8FB3)
YUV	155.4760, 11.5973, 13.6145
Hunter-Lab	56.2022, 12.1228, -10.1842

Details

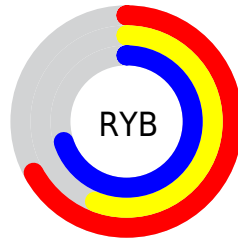
The CIELCh color $63, 22.693, 319.006$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 22.451, 137.187$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 22.775, 319.202$, and $43, 22.141, 318.613$ is the 20% darker color. If you saturate the color by 10%, you get $58, 34.139, 319.443$, and if you desaturate by 10%, it is $68, 11.314, 318.560$.

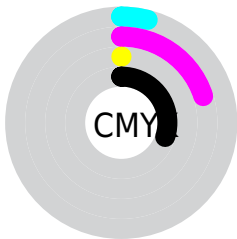
Distribution



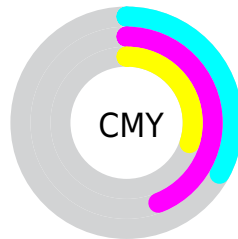
- Red (67%)
- Green (56%)
- Blue (70%)



- Red (67%)
- Yellow (56%)
- Blue (70%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)





- Cyan (33%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.693, 319.006 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, 22.693, 319.006 by changing the saturation by 10% instead.


 63, 22.693,
319.006

 63, 22.693,
319.006


 100, 22.693,
319.006


 53, 22.693,
319.006


 83, 22.693,
319.006

 43, 22.693,
319.006

 93, 22.693,
319.006

 33, 22.693,
319.006

 23, 22.693,
319.006

 13, 22.693,
319.006

 3, 22.693, 319.006

 0, 22.693, 319.006

63, 22.693,
319.006

63, 22.693,
319.006

58, 34.139,
319.443

68, 11.314,
318.560

54, 45.476,
319.856

73, 0.123, 316.636

49, 56.428,
320.220

78, 10.814,
137.757

45, 66.617,
320.500

83, 21.462,
137.364

42, 75.559,
320.653

88, 31.806,
137.004

39, 82.725,
320.631

93, 41.844,
136.673


37, 87.671,
320.386

95, 43.781,
135.453

36, 90.622,

95, 43.093,
133.869

319.950

 95, 42.435,
132.214

Harmonies

Complementary

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



63, 22.693, 319.006



70, 22.451, 137.187

Rectangle

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



63, 22.693, 319.006



63, 22.693, 9.006



63, 22.693, 139.006



63, 22.693, 189.006

Sweetspot

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



63, 22.691, 319.006



88, 8.265, 318.376



63, 15.655, 280.982



47, 5.530, 318.406



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, 22.691, 319.006



77, 33.526, 319.195



63, 20.060, 334.305



35, 6.321, 318.524



30, 80.661, 320.043



2, 14.815, 315.407

Inverse Universe

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



63, 14.888, 3.585



77, 22.151, 4.121



70, 19.930, 151.523



35, 4.077, 2.374



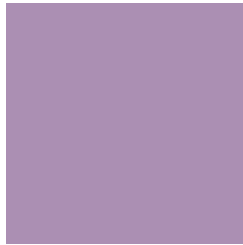
32, 62.132, 26.838



2, 9.466, 5.437

Previews

White Background



This preview shows how the CIELCh color 63, 22.693, 319.006 looks on a white background.

Color Contrast Check

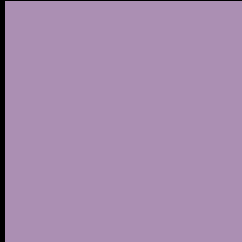
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 22.693, 319.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

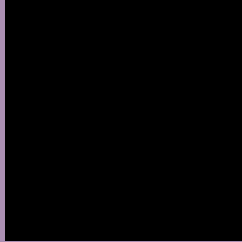
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 22.693, 319.006

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.693, 319.006.



This preview shows how white text looks on a background with the CIELCh color 63, 22.693, 319.006.

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, 22.693, 319.006

Protanopia

63, 19.089, 285.970

Deuteranopia

63, 16.432, 299.449



Tritanopia
63, 10.188, 343.374

Trichromacy



Original Color
63, 22.693, 319.006

Protanomaly
63, 19.782, 298.421

Deuteranomaly
63, 18.175, 308.201

Tritanomaly
63, 14.216, 328.988

Monochromacy



Original Color
63, 22.693, 319.006

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.227, 318.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.693, 319.006 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(171, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 179)  
}
```

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(171, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.693, 319.006 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(171, 143, 179) }
```

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

```
.border{ border-color:rgb(171, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.693, 319.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 179) }
```

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

```
.background{ background-color: rgb(171,  
143, 179) }
```

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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