

Converting Colors

CIELCh(63, 27.026, 305.231)

Have a look what the booklet for
CIELCh(63, 27.026, 305.231)
contains.

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Color

CIELCh(63, 27.029, 304.792)

Conversions

Conversions Part 1

Format	Color
Hex	A191C0
RGB	161, 145, 192
RGB Percent	63%, 57%, 75%
CMY	0.3690, 0.4318, 0.2475
CMYK	0.16, 0.24, 0.00, 0.25
HSL	260°, 27%, 66%
HSV	260°, 24%, 75%
XYZ	34.2893, 31.5869, 54.0963
YIQ	155.1420, -5.5510, 18.0090

Conversions

Conversions Part 2

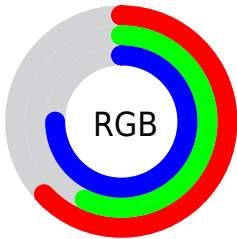
Format	Color
R_{YB}	161, 145, 192
Decimal	10588608
CIE _{Lab}	63.00, 15.42, -22.20
CIE _{LCh}	63, 27.029, 304.792
Yxy	31.5869, 0.2858, 0.2633
Android (android.graphics.Color)	4288778688 (0xFFA191C0)
YUV	155.1420, 18.1710, 5.1375
Hunter-Lab	56.2022, 10.5499, -17.7268

Details

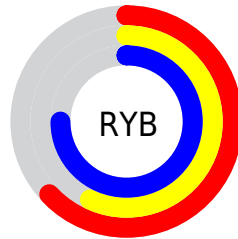
The CIELCh color $63, 27.029, 304.792$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 25.835, 121.986$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.197, 304.499$, and $43, 26.487, 304.714$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.673, 305.521$, and if you desaturate by 10%, it is $69, 15.726, 304.131$.

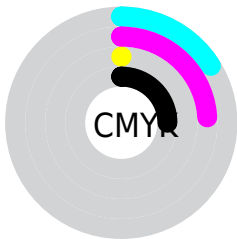
Distribution



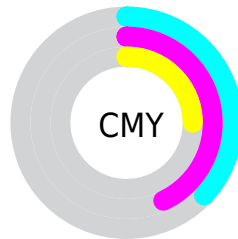
- Red (63%)
- Green (57%)
- Blue (75%)



- Red (63%)
- Yellow (57%)
- Blue (75%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)





- Cyan (37%)
- Magenta (43%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.029, 304.792 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, 27.029, 304.792 by changing the saturation by 10% instead.


 63, 27.029,
304.792


 63, 27.029,
304.792


 100, 27.029,
304.792


 53, 27.029,
304.792


 83, 27.029,
304.792

 43, 27.029,
304.792

 93, 27.029,
304.792

 33, 27.029,
304.792

 23, 27.029,
304.792

 13, 27.029,
304.792

 3, 27.029, 304.792

 0, 27.029, 304.792

63, 27.029,
304.792

63, 27.029,
304.792

57, 38.673,
305.521

69, 15.726,
304.131

51, 50.590,
306.310

75, 4.795, 303.538

45, 62.613,
307.128

81, 5.765, 123.047

40, 74.420,
307.919

87, 15.965,
122.592

35, 85.436,
308.588

93, 25.821,
122.201

31, 94.778,
308.995

97, 32.577,
119.864

28, 101.387,
308.974

98, 31.854,
111.520

27, 104.135,

99, 31.770,
107.760

308.864

Harmonies

Complementary

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



63, 27.029, 304.792



75, 25.835, 121.986

Rectangle

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



63, 27.029, 304.792



63, 27.029, 354.792



63, 27.029, 124.792



63, 27.029, 174.792

Sweetspot

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



63, 27.027, 304.791



93, 9.302, 303.689



70, 13.521, 238.307



49, 6.049, 303.724



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 27.027, 304.791



77, 39.984, 305.146



65, 29.725, 320.901



38, 6.150, 303.821



21, 91.143, 308.994



2, 19.804, 300.280

Inverse Universe

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



65, 24.592, 337.773



80, 36.103, 338.188



74, 29.454, 138.513



38, 5.689, 336.592



35, 63.897, 347.690



3, 17.652, 342.646

Previews

White Background



This preview shows how the CIELCh color 63, 27.029, 304.792 looks on a white background.

Color Contrast Check

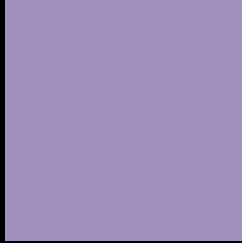
Large Text (above 18pt) WCAG AA × Fail

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, 27.029, 304.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

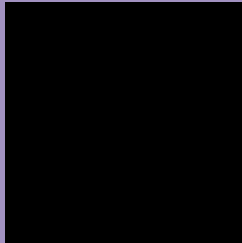
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.029, 304.792

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.029, 304.792.



This preview shows how white text looks on a background with the CIELCh color 63, 27.029, 304.792.

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, 27.029, 304.792

Protanopia
63, 25.289, 285.303

Deuteranopia
63, 23.526, 291.029



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 27.029, 304.792

Protanomaly
63, 25.753, 292.160

Deuteranomaly
63, 24.169, 295.997

Tritanomaly
63, 14.542, 306.237

Monochromacy



Original Color
63, 27.029, 304.792

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 9.801, 304.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.029, 304.792 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(161, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 192)  
}
```

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(161, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.029, 304.792 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(161, 145, 192) }
```

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

```
.border{ border-color:rgb(161, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(161, 145,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.029, 304.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 192) }
```

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

```
.background{ background-color: rgb(161,  
145, 192) }
```

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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