

Converting Colors

CIELCh(63, 27.637, 305.869)

Have a look what the booklet for
CIELCh(63, 27.637, 305.869)
contains.

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Color

CIELCh(63, 27.748, 306.014)

Conversions

Conversions Part 1

Format	Color
Hex	A290C0
RGB	162, 144, 192
RGB Percent	64%, 56%, 75%
CMY	0.3633, 0.4340, 0.2457
CMYK	0.16, 0.25, 0.00, 0.25
HSL	263°, 28%, 66%
HSV	263°, 25%, 75%
XYZ	34.5479, 31.5869, 54.3504
YIQ	154.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

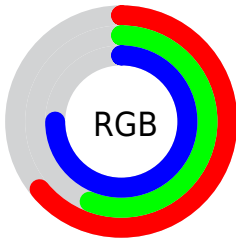
Format	Color
R_{YB}	162, 144, 192
Decimal	10653888
CIE _{Lab}	63.00, 16.32, -22.44
CIE _{LCh}	63, 27.748, 306.014
Yxy	31.5869, 0.2867, 0.2622
Android (android.graphics.Color)	4288843968 (0xFFA290C0)
YUV	154.8540, 18.3130, 6.2670
Hunter-Lab	56.2022, 11.3713, -17.9948

Details

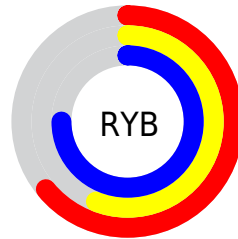
The CIELCh color $63, 27.748, 306.014$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 26.561, 123.301$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.882, 305.661$, and $43, 27.245, 306.040$ is the 20% darker color. If you saturate the color by 10%, you get $57, 39.446, 306.694$, and if you desaturate by 10%, it is $69, 16.367, 305.392$.

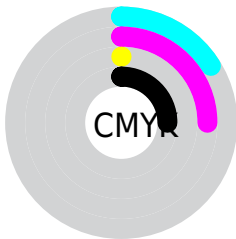
Distribution



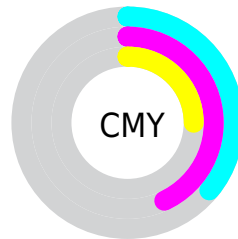
- Red (64%)
- Green (56%)
- Blue (75%)



- Red (64%)
- Yellow (56%)
- Blue (75%)



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



- Cyan (36%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 27.748, 306.014 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, 27.748, 306.014 by changing the saturation by 10% instead.

■ 63, 27.748,
306.014

■ 63, 27.748,
306.014

■ 100, 27.748,
306.014

■ 53, 27.748,
306.014

■ 83, 27.748,
306.014

■ 43, 27.748,
306.014

■ 93, 27.748,
306.014

■ 33, 27.748,
306.014

■ 23, 27.748,
306.014

■ 13, 27.748,
306.014

■ 3, 27.748, 306.014

■ 0, 27.748, 306.014

63, 27.748,
306.014

63, 27.748,
306.014

57, 39.446,
306.694

69, 16.367,
305.392

51, 51.379,
307.419

75, 5.344, 304.828

81, 5.315, 124.364

46, 63.360,
308.158

87, 15.618,
123.925

40, 75.044,
308.852

93, 25.579,
123.549

36, 85.842,
309.408

97, 32.566,
121.459

32, 94.884,
309.692

98, 31.733,
113.603

29, 101.180,
309.551

99, 31.542,
107.778

27, 103.635,

Harmonies

Complementary

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



63, 27.748, 306.014



75, 26.561, 123.301

Rectangle

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



63, 27.748, 306.014



63, 27.748, 356.014



63, 27.748, 126.014



63, 27.748, 176.014

Sweetspot

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



63, 27.746, 306.013



93, 9.353, 304.946



70, 13.946, 242.818



49, 6.082, 304.979



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, 27.746, 306.013



76, 41.592, 306.382



65, 30.625, 321.923



38, 6.183, 305.071



22, 90.542, 309.546



2, 19.872, 301.284

Inverse Universe

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



65, 24.533, 339.413



80, 36.488, 339.901



74, 30.402, 139.393



38, 5.551, 338.135



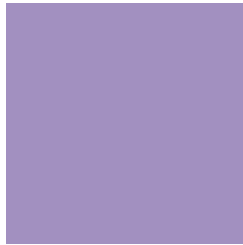
35, 62.718, 350.456



3, 17.180, 344.744

Previews

White Background



This preview shows how the CIELCh color 63, 27.748, 306.014 looks on a white background.

Color Contrast Check

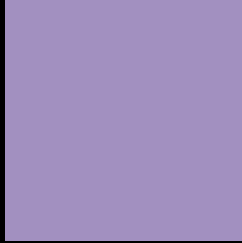
Large Text (above 18pt) WCAG AA × Fail

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, 27.748, 306.014 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, 27.748, 306.014

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.748, 306.014.



This preview shows how white text looks on a background with the CIELCh color 63, 27.748, 306.014.

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, 27.748, 306.014

Protanopia

63, 25.874, 284.833

Deuteranopia

63, 22.948, 290.066



Tritanopia
63, 7.254, 312.212

Trichromacy



Original Color
63, 27.748, 306.014

Protanomaly
63, 25.753, 292.160

Deuteranomaly
63, 24.194, 296.811

Tritanomaly
63, 14.640, 307.639

Monochromacy



Original Color
63, 27.748, 306.014

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.434, 305.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.748, 306.014 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(162, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 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(162, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.748, 306.014 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(162, 144, 192) }
```

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

```
.border{ border-color:rgb(162, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.748, 306.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 192) }
```

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

```
.background{ background-color: rgb(162,  
144, 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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