

Converting Colors

CIELCh(63, 27.699, 301.135)

Have a look what the booklet for
CIELCh(63, 27.699, 301.135)
contains.

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Color

CIELCh(63, 27.802, 300.840)

Conversions

Conversions Part 1

Format	Color
Hex	9D92C3
RGB	157, 146, 195
RGB Percent	62%, 57%, 76%
CMY	0.3850, 0.4281, 0.2360
CMYK	0.20, 0.25, 0.00, 0.24
HSL	253°, 29%, 67%
HSV	253°, 25%, 76%
XYZ	33.9522, 31.5869, 55.8294
YIQ	154.8750, -9.1730, 17.5710

Conversions

Conversions Part 2

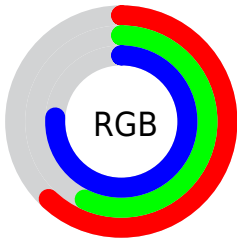
Format	Color
R_{YB}	157, 146, 195
Decimal	10326723
CIE _{Lab}	63.00, 14.25, -23.87
CIE _{LCh}	63, 27.802, 300.840
Yxy	31.5869, 0.2797, 0.2603
Android (android.graphics.Color)	4288516803 (0xFF9D92C3)
YUV	154.8750, 19.7816, 1.8636
Hunter-Lab	56.2022, 9.4793, -19.5551

Details

The CIELCh color $63, 27.802, 300.840$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 26.353, 117.291$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.912, 300.698$, and $43, 27.363, 300.581$ is the 20% darker color. If you saturate the color by 10%, you get $57, 39.578, 301.792$, and if you desaturate by 10%, it is $69, 16.435, 300.000$.

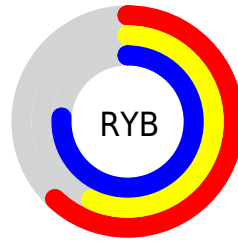
Distribution



Red (62%)

Green (57%)

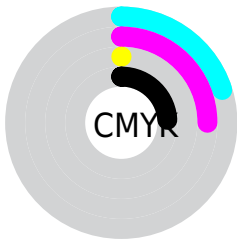
Blue (76%)



Red (62%)

Yellow (57%)

Blue (76%)

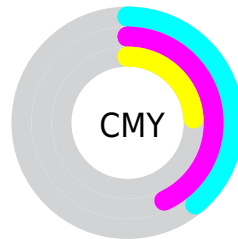


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (39%)


Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.802, 300.840 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, 27.802, 300.840 by changing the saturation by 10% instead.


 63, 27.802,
300.840


 63, 27.802,
300.840


 100, 27.802,
300.840


 53, 27.802,
300.840


 83, 27.802,
300.840

 43, 27.802,
300.840

 93, 27.802,
300.840

 33, 27.802,
300.840

 23, 27.802,
300.840

 13, 27.802,
300.840

 3, 27.802, 300.840

 0, 27.802, 300.840

63, 27.802,
300.840

63, 27.802,
300.840

57, 39.578,
301.792

69, 16.435,
300.000

51, 51.723,
302.852

76, 5.485, 299.266

82, 5.062, 118.640

45, 64.103,
303.996

88, 15.228,
118.090

39, 76.412,
305.164

94, 25.036,
117.619

34, 88.038,
306.241

98, 30.473,
113.219

29, 97.942,
307.047

99, 30.316,
107.872

26, 104.807,
307.371

25, 107.332,

307.451

Harmonies

Complementary

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



63, 27.802, 300.840



77, 26.353, 117.291

Rectangle

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



63, 27.802, 300.840



63, 27.802, 350.840



63, 27.802, 120.840



63, 27.802, 170.840

Sweetspot

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



63, 27.800, 300.839



93, 10.578, 299.474



72, 14.150, 222.704



49, 7.600, 299.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 27.800, 300.839



76, 41.341, 301.332



65, 30.055, 317.326



38, 6.061, 299.563



20, 92.896, 307.556



1, 19.637, 297.177

Inverse Universe

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



66, 27.704, 333.025



81, 40.760, 333.397



75, 29.534, 135.080



38, 6.181, 331.957



36, 68.926, 339.531



4, 19.568, 335.855

Previews

White Background



This preview shows how the CIELCh color 63, 27.802, 300.840 looks on a white background.

Color Contrast Check

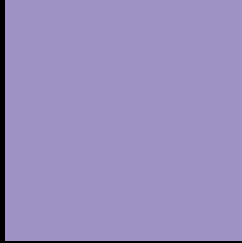
Large Text (above 18pt) WCAG AA × Fail

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, 27.802, 300.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

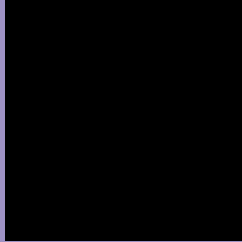
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.802, 300.840

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.802, 300.840.



This preview shows how white text looks on a background with the CIELCh color 63, 27.802, 300.840.

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, 27.802, 300.840

Protanopia

63, 26.424, 285.083

Deuteranopia

63, 24.640, 288.880



Tritanopia
63, 6.719, 287.743

Trichromacy



Original Color
63, 27.802, 300.840

Protanomaly
63, 26.872, 290.893

Deuteranomaly
63, 25.794, 293.670

Tritanomaly
63, 14.066, 296.102

Monochromacy



Original Color
63, 27.802, 300.840

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.641, 300.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.802, 300.840 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(157, 146, 195)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 195)  
}
```

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(157, 146, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.802, 300.840 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(157, 146, 195) }
```

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

```
.border{ border-color:rgb(157, 146, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 146, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 146, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 146, 195); box-shadow:4px 4px 4px 4px rgb(157, 146, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.802, 300.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 195) }
```

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

```
.background{ background-color: rgb(157,  
146, 195) }
```

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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