

Converting Colors

CIELCh(63, 31.432, 304.633)

Have a look what the booklet for
CIELCh(63, 31.432, 304.633)
contains.

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Color

CIELCh(63, 30.996, 304.751)

Conversions

Conversions Part 1

Format	Color
Hex	A290C6
RGB	162, 144, 198
RGB Percent	64%, 56%, 78%
CMY	0.3657, 0.4363, 0.2246
CMYK	0.18, 0.27, 0.00, 0.22
HSL	260°, 32%, 67%
HSV	260°, 27%, 78%
XYZ	34.9423, 31.5869, 57.5166
YIQ	155.5380, -6.6060, 20.6100

Conversions

Conversions Part 2

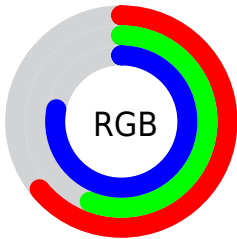
Format	Color
R _Y B	162, 144, 198
Decimal	10653894
CIE _{Lab}	63.00, 17.67, -25.47
CIE _{LCh}	63, 30.996, 304.751
Yxy	31.5869, 0.2817, 0.2546
Android (android.graphics.Color)	4288843974 (0xFFA290C6)
YUV	155.5380, 20.9338, 5.6672
Hunter-Lab	56.2022, 12.6239, -21.3350

Details

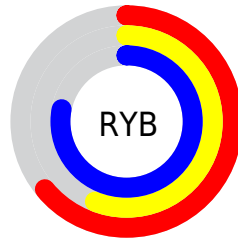
The CIELCh color $63, 30.996, 304.751$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 29.439, 121.546$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 30.960, 304.425$, and $43, 30.722, 304.808$ is the 20% darker color. If you saturate the color by 10%, you get $57, 43.016, 305.513$, and if you desaturate by 10%, it is $69, 19.316, 304.059$.

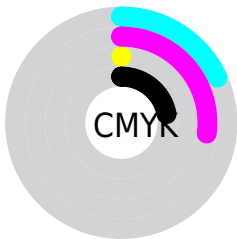
Distribution



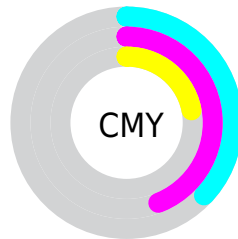
- Red (64%)
- Green (56%)
- Blue (78%)



- Red (64%)
- Yellow (56%)
- Blue (78%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)





- Cyan (37%)
- Magenta (44%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 30.996, 304.751 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, 30.996, 304.751 by changing the saturation by 10% instead.


 63, 30.996,
304.751


 63, 30.996,
304.751


 100, 30.996,
304.751


 53, 30.996,
304.751


 83, 30.996,
304.751

 43, 30.996,
304.751

 93, 30.996,
304.751

 33, 30.996,
304.751

 23, 30.996,
304.751

 13, 30.996,
304.751

 3, 30.996, 304.751

 0, 30.996, 304.751

63, 30.996,
304.751

63, 30.996,
304.751

57, 43.016,
305.513

69, 19.316,
304.059

51, 55.287,
306.330

75, 8.016, 303.440

45, 67.602,
307.168

81, 2.899, 122.927

40, 79.565,
307.958

88, 13.439,
122.439

35, 90.494,
308.590

94, 23.620,
122.027

31, 99.385,
308.909

98, 29.411,
118.376

28, 105.289,
308.780

99, 28.872,
108.719

27, 106.655,

99, 28.867,
107.984

308.740

Harmonies

Complementary

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



63, 30.996, 304.751



77, 29.439, 121.546

Rectangle

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



63, 30.996, 304.751



63, 30.996, 354.751



63, 30.996, 124.751



63, 30.996, 174.751

Sweetspot

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



63, 30.994, 304.751



94, 10.812, 303.488



71, 15.282, 236.439



49, 7.703, 303.579



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, 30.994, 304.751



75, 46.515, 305.215



65, 33.846, 320.524



39, 6.277, 303.564



22, 92.342, 308.875



2, 21.873, 300.517

Inverse Universe

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



66, 28.241, 337.688



80, 41.923, 338.212



76, 33.468, 137.871



39, 5.842, 336.285



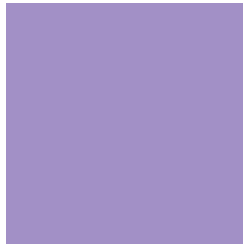
36, 64.893, 347.170



4, 20.006, 342.631

Previews

White Background



This preview shows how the CIELCh color 63, 30.996, 304.751 looks on a white background.

Color Contrast Check

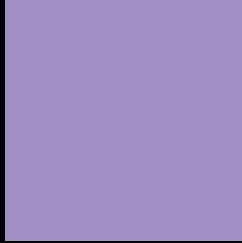
Large Text (above 18pt) WCAG AA × Fail

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, 30.996, 304.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

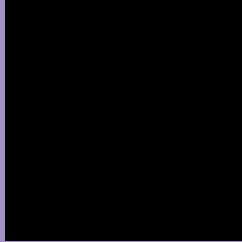
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 30.996, 304.751

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.996, 304.751.



This preview shows how white text looks on a background with the CIELCh color 63, 30.996, 304.751.

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, 30.996, 304.751

Protanopia

63, 29.237, 284.993

Deuteranopia

63, 26.321, 288.615



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 30.996, 304.751

Protanomaly
63, 29.681, 292.677

Deuteranomaly
63, 27.475, 294.483

Tritanomaly
63, 15.625, 305.248

Monochromacy



Original Color
63, 30.996, 304.751

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.438, 302.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.996, 304.751 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.996, 304.751 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, 198) }
```

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

```
.border{ border-color:rgb(162, 144, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 144, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 144, 198); box-shadow:4px 4px 4px 4px rgb(162, 144, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.996, 304.751 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, 198) }
```

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

```
.background{ background-color: rgb(162,  
144, 198) }
```

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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