

Converting Colors

CIELCh(51, 32.163, 330.252)

Have a look what the booklet for
CIELCh(51, 32.163, 330.252)
contains.

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Color

CIELCh(51, 31.862, 330.359)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9C6995 |
| RGB | 156, 105, 149 |
| RGB Percent | 61%, 41%, 58% |
| CMY | 0.3891, 0.5890, 0.4165 |
| CMYK | 0.00, 0.33, 0.04, 0.39 |
| HSL | 308°, 20%, 51% |
| HSV | 308°, 33%, 61% |
| XYZ | 24.1041, 19.2686, 30.7905 |
| YIQ | 125.2650, 16.2720, 24.4960 |

Conversions

Conversions Part 2

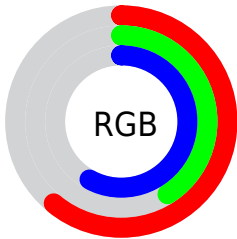
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 156, 105, 149 |
| Decimal | 10250645 |
| CIE _{Lab} | 51.00, 27.69, -15.76 |
| CIE _{LCh} | 51, 31.862, 330.359 |
| Yxy | 19.2686, 0.3250, 0.2598 |
| Android (android.graphics.Color) | 4288440725 (0xFF9C6995) |
| YUV | 125.2650, 11.7014, 26.9546 |
| Hunter-Lab | 43.8960, 21.1994, -10.8612 |

Details

The CIELCh color **51, 31.862, 330.359** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **60, 31.807, 146.036**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 31.721, 330.328**, and **31, 32.156, 330.641** is the 20% darker color. If you saturate the color by 10%, you get **47, 41.214, 330.968**, and if you desaturate by 10%, it is **55, 22.170, 329.752**.

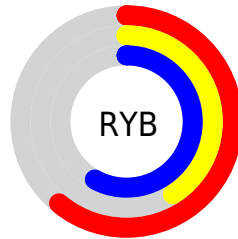
Distribution



Red (61%)

Green (41%)

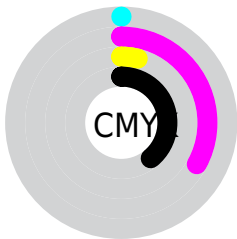
Blue (58%)



Red (61%)

Yellow (41%)

Blue (58%)

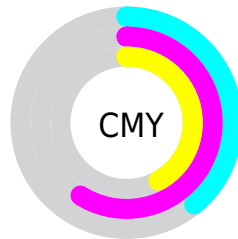


Cyan (0%)

Magenta (33%)

Yellow (4%)

Black (39%)



Cyan (39%)


Magenta (59%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 31.862, 330.359 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 51, 31.862, 330.359 by changing the saturation by 10% instead.


 51, 31.862,
330.359


 51, 31.862,
330.359


 100, 31.862,
330.359


 41, 31.862,
330.359


 71, 31.862,
330.359

 31, 31.862,
330.359

 81, 31.862,
330.359

 21, 31.862,
330.359

 91, 31.862,
330.359

 11, 31.862,
330.359

 1, 31.862, 330.359

 0, 31.862, 330.359

51, 31.862,
330.359

51, 31.862,
330.359

47, 41.214,
330.968

55, 22.170,
329.752

44, 49.923,
331.574

59, 12.376,
329.149

41, 57.610,
332.175

63, 2.639, 328.495

39, 63.871,
332.774

67, 6.937, 148.059

37, 68.358,
333.379

72, 16.287,
147.498


36, 70.887,
334.006

76, 25.378,
146.975

36, 71.929,
334.476

81, 34.198,
146.481

85, 42.744,
146.014

 89, 51.026,
145.572

Harmonies

Complementary

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



51, 31.862, 330.359



60, 31.807, 146.036

Rectangle

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



51, 31.862, 330.359



51, 31.862, 20.359



51, 31.862, 150.359



51, 31.862, 200.359

Sweetspot

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



51, 31.860, 330.359



76, 11.972, 328.995



47, 30.397, 298.498



40, 8.239, 329.074



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 31.860, 330.359



62, 46.553, 330.786



50, 23.337, 354.967



31, 5.554, 328.938



32, 67.550, 334.422



1, 7.092, 329.276

Inverse Universe

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



51, 31.860, 330.359



62, 46.553, 330.786



60, 21.694, 168.327



31, 5.554, 328.938



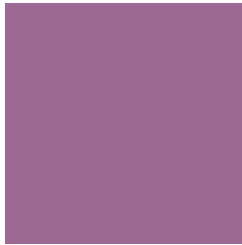
32, 67.550, 334.422



1, 7.092, 329.276

Previews

White Background



This preview shows how the CIELCh color 51, 31.862, 330.359 looks on a white background.

Color Contrast Check

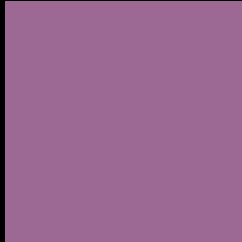
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 31.862, 330.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

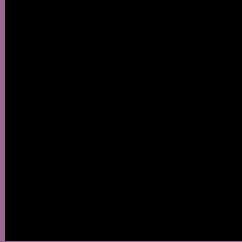
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 31.862, 330.359

Background



This preview shows how black text looks on a background with the CIELCh color 51, 31.862, 330.359.



This preview shows how white text looks on a background with the CIELCh color 51, 31.862, 330.359.

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

51, 31.862, 330.359

Protanopia

51, 23.422, 285.562

Deuteranopia

51, 15.820, 296.164



Tritanopia
51, 17.605, 6.444

Trichromacy



Original Color
51, 31.862, 330.359

Protanomaly
51, 25.096, 303.877

Deuteranomaly
51, 20.763, 313.627

Tritanomaly
51, 21.367, 347.541

Monochromacy



Original Color
51, 31.862, 330.359

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 11.730, 328.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 31.862, 330.359 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(156, 105, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 105, 149)  
}
```

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(156, 105, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 105, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 31.862, 330.359 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(156, 105, 149) }
```

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

```
.border{ border-color:rgb(156, 105, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 105, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 105, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 105, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 105,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 31.862, 330.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 105, 149) }
```

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

```
.background{ background-color: rgb(156,  
105, 149) }
```

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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