

Converting Colors

CIELCh(51, 31.496, 332.946)

Have a look what the booklet for
CIELCh(51, 31.496, 332.946)
contains.

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Color

CIELCh(51, 31.496, 332.946)

Conversions

Conversions Part 1

Format	Color
Hex	9D6892
RGB	157, 104, 146
RGB Percent	62%, 41%, 57%
CMY	0.3828, 0.5907, 0.4260
CMYK	0.00, 0.34, 0.07, 0.38
HSL	312°, 21%, 51%
HSV	312°, 34%, 62%
XYZ	24.1858, 19.2686, 29.7935
YIQ	124.6350, 18.1060, 24.2980

Conversions

Conversions Part 2

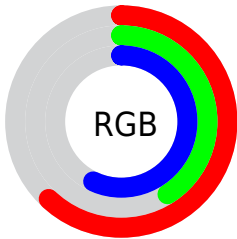
Format	Color
R _Y B	157, 104, 146
Decimal	10315922
CIE Lab	51.00, 28.05, -14.33
CIE LCh	51, 31.496, 332.946
Yxy	19.2686, 0.3302, 0.2631
Android (android.graphics.Color)	4288506002 (0xFF9D6892)
YUV	124.6350, 10.5329, 28.3841
Hunter-Lab	43.8960, 21.5316, -9.5146

Details

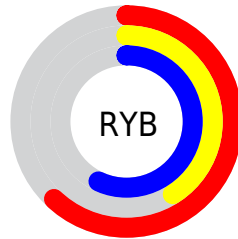
The CIELCh color **51, 31.496, 332.946** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **60, 31.353, 148.218**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 31.392, 332.741**, and **31, 31.713, 333.486** is the 20% darker color. If you saturate the color by 10%, you get **47, 40.459, 333.641**, and if you desaturate by 10%, it is **55, 22.190, 332.275**.

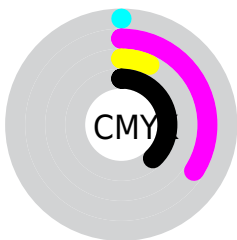
Distribution



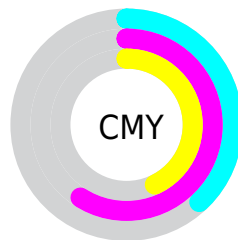
- Red (62%)
- Green (41%)
- Blue (57%)



- Red (62%)
- Yellow (41%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (38%)





- Cyan (38%)
- Magenta (59%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 31.496, 332.946 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, 31.496, 332.946 by changing the saturation by 10% instead.


 51, 31.496,
332.946


 51, 31.496,
332.946


 100, 31.496,
332.946


 41, 31.496,
332.946


 71, 31.496,
332.946

 31, 31.496,
332.946

 81, 31.496,
332.946

 21, 31.496,
332.946

 91, 31.496,
332.946

 11, 31.496,
332.946

 1, 31.496, 332.946

 0, 31.496, 332.946

51, 31.496,
332.946

51, 31.496,
332.946

47, 40.459,
333.641

55, 22.190,
332.275

44, 48.774,
334.362

59, 12.779,
331.621

41, 56.056,
335.117

63, 3.423, 330.946

39, 61.896,
335.923

68, 5.777, 150.473

37, 65.940,
336.807

72, 14.759,
149.878

36, 68.014,
337.803

77, 23.491,
149.333

35, 68.741,
338.472

81, 31.962,
148.818

85, 40.171,
148.333

■ 90, 48.126,
147.875

Harmonies

Complementary

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



51, 31.496, 332.946



60, 31.353, 148.218

Rectangle

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



51, 31.496, 332.946



51, 31.496, 22.946



51, 31.496, 152.946



51, 31.496, 202.946

Sweetspot

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



51, 31.494, 332.946



77, 11.508, 331.394



47, 31.721, 300.792



40, 7.840, 331.479



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, 31.494, 332.946



62, 45.926, 333.435



50, 23.599, 359.705



31, 5.284, 331.333



32, 64.100, 338.367



1, 6.709, 331.986

Inverse Universe

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



51, 31.494, 332.946



62, 45.926, 333.435



61, 21.394, 172.665



31, 5.284, 331.333



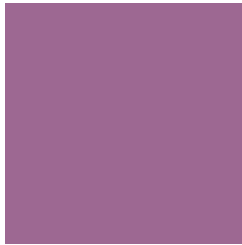
32, 64.100, 338.367



1, 6.709, 331.986

Previews

White Background



This preview shows how the CIELCh color 51, 31.496, 332.946 looks on a white background.

Color Contrast Check

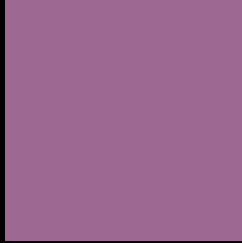
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.496, 332.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

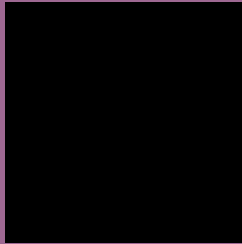
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 31.496, 332.946

Background



This preview shows how black text looks on a background with the CIELCh color 51, 31.496, 332.946.



This preview shows how white text looks on a background with the CIELCh color 51, 31.496, 332.946.

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, 31.496, 332.946

Protanopia

51, 22.241, 285.833

Deuteranopia

51, 14.696, 297.819



Tritanopia
51, 18.865, 7.670

Trichromacy



Original Color
51, 31.496, 332.946

Protanomaly
51, 24.106, 306.050

Deuteranomaly
51, 19.990, 316.919

Tritanomaly
51, 22.135, 350.852

Monochromacy



Original Color
51, 31.496, 332.946

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.238, 331.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 31.496, 332.946 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, 104, 146)` looks like.

```
.text, #text, p{  
    color:rgb(157, 104, 146)  
}
```

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, 104, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 104, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 31.496, 332.946 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, 104, 146) }
```

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

```
.border{ border-color:rgb(157, 104, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 104, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 104, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 104, 146);  
box-shadow:4px 4px 4px 4px rgb(157, 104,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 31.496, 332.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 104, 146) }
```

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

```
.background{ background-color: rgb(157,  
104, 146) }
```

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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