Converting Colors

CIELCh(51, 29.740, 328.689)

Have a look what the booklet for CIELCh(51, 29.740, 328.689) contains.

Color

CIELCh(51, 29.238, 328.601)

Conversions

Conversions Part 1

Format	Color
Hex	986B94
RGB	152, 107, 148
RGB Percent	60%, 42%, 58%
CMY	0.4046, 0.5811, 0.4203
CMYK	0.00, 0.30, 0.03, 0.40
HSL	305°, 18%, 51%
HSV	305°, 30%, 60%
XYZ	23.4843, 19.2686, 30.4226
YIQ	125.1290, 13.6590, 22.2910

Conversions

Conversions Part 2

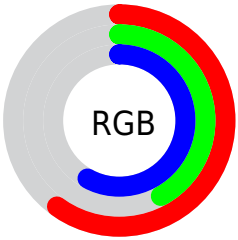
Format	Color
RYB	152, 107, 148
Decimal	9989012
CIELab	51.00, 24.96, -15.23
CIELCh	51, 29.238, 328.601
Yxy	19.2686, 0.3209, 0.2633
Android (android.graphics.Color)	4288179092 (0xFF986B94)
YUV	125.1290, 11.2754, 23.5659
Hunter-Lab	43.8960, 18.6791, -10.3643

Details

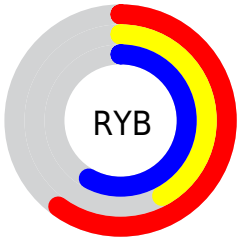
The CIELCh color 51, 29.238, 328.601 is a dark color, and the websafe version is hex 996699. A complement of this color would be 59, 29.211, 144.875, and the grayscale version is 52, 0.007, 296.813.

A 20% lighter version of the original color is 71, 29.172, 328.741, and 31, 28.833, 328.650 is the 20% darker color. If you saturate the color by 10%, you get 47, 38.829, 329.165, and if you desaturate by 10%, it is 55, 19.379, 328.029.

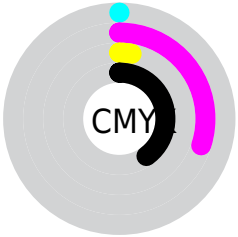
Distribution



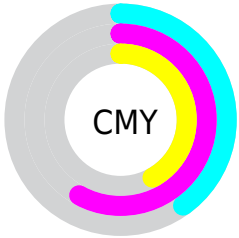
- Red (60%)
- Green (42%)
- Blue (58%)



- Red (60%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 29.238, 328.601 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, 29.238, 328.601 by changing the saturation by 10% instead.

51, 29.238, 328.601

100, 29.238, 328.601

71, 29.238, 328.601

81, 29.238, 328.601

91, 29.238, 328.601

51, 29.238, 328.601

41, 29.238, 328.601

31, 29.238, 328.601

21, 29.238, 328.601

11, 29.238, 328.601

1, 29.238, 328.601

0, 29.238, 328.601

51, 29.238, 328.601

47, 38.829, 329.165

44, 47.876, 329.713

41, 56.024, 330.236

39, 62.881, 330.728

37, 68.088, 331.188

36, 71.409, 331.621

35, 73.209, 332.038

35, 73.272,

51, 29.238, 328.601

55, 19.379, 328.029

59, 9.469, 327.451

63, 0.351, 147.567

67, 9.988, 146.400

71, 19.385, 145.867

76, 28.516, 145.365

80, 37.369, 144.889

84, 45.945, 144.439

332.053

89, 54.253, 144.016

Harmonies

Complementary

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

51, 29.238, 328.601

59, 29.211, 144.875

Rectangle

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

51, 29.238, 328.601

51, 29.238, 18.601

51, 29.238, 148.601

51, 29.238, 198.601

Sweetspot

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

51, 29.236, 328.601

75, 10.908, 327.424

47, 26.731, 296.462

39, 7.646, 327.503

90, 0.011, 296.813

42, 0.006, 296.813

Same Dimension

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

51, 29.236, 328.601

62, 43.622, 329.001

50, 21.157, 351.319

30, 5.590, 327.427

32, 69.188, 332.024

1, 5.967, 327.225

Inverse Universe

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

51, 29.236, 328.601

62, 43.622, 329.001

59, 20.063, 165.614

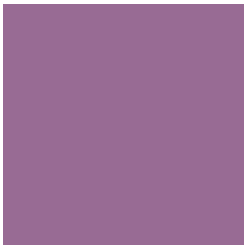
30, 5.590, 327.427

32, 69.188, 332.024

1, 5.967, 327.225

Previews

White Background

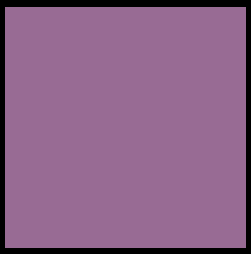


This preview shows how the CIELCh color 51, 29.238, 328.601 looks on a white background.

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



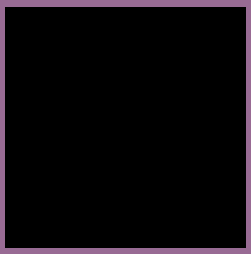
This preview shows how the CIELCh color 51, 29.238, 328.601 looks on a black background.

Color Contrast Check

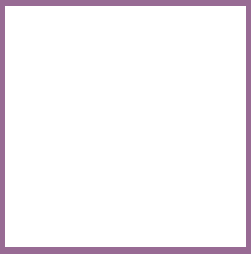
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 51, 29.238, 328.601 Background



This preview shows how black text looks on a background with the CIELCh color 51, 29.238, 328.601.

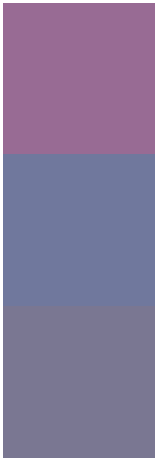


This preview shows how white text looks on a background with the CIELCh color 51, 29.238, 328.601.

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, 29.238, 328.601

Protanopia
51, 21.667, 285.547

Deuteranopia
51, 15.820, 296.164

Tritanopia
51, 15.690, 2.017

Trichromacy

Original Color
51, 29.238, 328.601

Protanomaly
51, 23.227, 302.809

Deuteranomaly
51, 19.943, 312.158

Tritanomaly
51, 19.736, 343.841

Monochromacy

Original Color
51, 29.238, 328.601

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 11.040, 328.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 29.238, 328.601 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(152, 107, 148) looks like.

```
.text, #text, p{
    color:rgb(152, 107, 148)
}
```

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(152, 107, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 107, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 29.238, 328.601 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(152, 107, 148) }
```

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

```
.border{ border-color:rgb(152, 107, 148) }
```

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

Here you see how a box with a 4 pixel rgb(152, 107, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 107, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 107, 148); box-shadow:4px 4px 4px 4px rgb(152, 107, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 29.238, 328.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(152, 107, 148) }
```

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

```
.background{ background-color:rgb(152,
107, 148) }
```

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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