

Converting Colors

CIELCh(49, 23.855, 328.197)

Have a look what the booklet for
CIELCh(49, 23.855, 328.197)
contains.

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Color

CIELCh(49, 23.825, 328.188)

Conversions

Conversions Part 1

Format	Color
Hex	8D698A
RGB	141, 105, 138
RGB Percent	55%, 41%, 54%
CMY	0.4471, 0.5883, 0.4589
CMYK	0.00, 0.26, 0.02, 0.45
HSL	305°, 15%, 48%
HSV	305°, 26%, 55%
XYZ	20.6162, 17.5941, 26.3461
YIQ	119.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

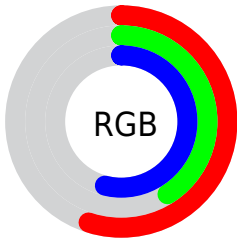
Format	Color
R_{YB}	141, 105, 138
Decimal	9267594
CIE _{Lab}	49.00, 20.25, -12.56
CIE _{LCh}	49, 23.825, 328.188
Yxy	17.5941, 0.3194, 0.2725
Android (android.graphics.Color)	4287457674 (0xFF8D698A)
YUV	119.5260, 9.1077, 18.8327
Hunter-Lab	41.9453, 14.3289, -7.8787

Details

The CIELCh color $49, 23.825, 328.188$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 23.796, 145.075$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 23.326, 328.551$, and $29, 23.936, 328.013$ is the 20% darker color. If you saturate the color by 10%, you get $46, 33.022, 328.749$, and if you desaturate by 10%, it is $53, 14.469, 327.621$.

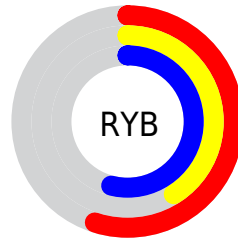
Distribution



Red (55%)

Green (41%)

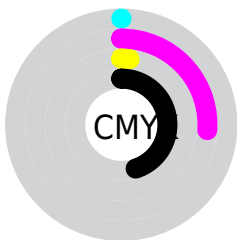
Blue (54%)



Red (55%)

Yellow (41%)

Blue (54%)

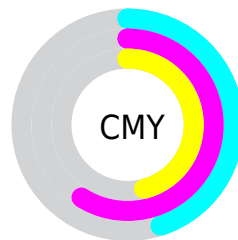


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 23.825, 328.188 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 49, 23.825, 328.188 by changing the saturation by 10% instead.

 49, 23.825,
328.188

 49, 23.825,
328.188

 100, 23.825,
328.188

 39, 23.825,
328.188

 69, 23.825,
328.188

 29, 23.825,
328.188

 79, 23.825,
328.188

 19, 23.825,
328.188

 89, 23.825,
328.188

 9, 23.825, 328.188

 99, 23.825,
328.188

 0, 23.825, 328.188

 49, 23.825,

 49, 23.825,

328.188

46, 33.022,
328.749

42, 41.831,
329.296

39, 49.948,
329.820

37, 57.020,
330.314

35, 62.690,
330.773

34, 66.676,
331.197

33, 68.930,
331.596

32, 69.741,
331.769

328.188

53, 14.469,
327.621

56, 5.127, 327.036

60, 4.089, 146.585

64, 13.108,
146.020

68, 21.890,
145.505

72, 30.415,
145.018

77, 38.679,
144.556

81, 46.685,
144.120

■ 85, 54.443,
143.709

Harmonies

Complementary

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



49, 23.825, 328.188



55, 23.796, 145.075

Rectangle

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



49, 23.825, 328.188



49, 23.825, 18.188



49, 23.825, 148.188



49, 23.825, 198.188

Sweetspot

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



49, 23.823, 328.188



71, 9.210, 327.196



46, 21.495, 295.942



36, 6.527, 327.276



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 23.823, 328.188



60, 35.822, 328.533



48, 17.098, 350.823



28, 5.298, 327.256



31, 67.652, 331.754



1, 3.558, 326.770

Inverse Universe

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



49, 23.823, 328.188



60, 35.822, 328.533



56, 16.340, 166.070



28, 5.298, 327.256



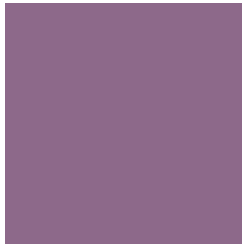
31, 67.652, 331.754



1, 3.558, 326.770

Previews

White Background



This preview shows how the CIELCh color 49, 23.825, 328.188 looks on a white background.

Color Contrast Check

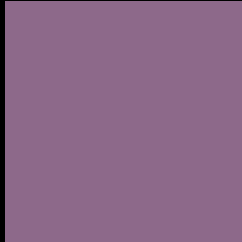
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 23.825, 328.188 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 49, 23.825, 328.188

Background



This preview shows how black text looks on a background with the CIELCh color 49, 23.825, 328.188.



This preview shows how white text looks on a background with the CIELCh color 49, 23.825, 328.188.

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


49, 23.825, 328.188

Protanopia

49, 17.100, 285.146

Deuteranopia

49, 13.110, 300.148



Tritanopia
49, 12.840, 359.729

Trichromacy



Original Color
49, 23.825, 328.188

Protanomaly
49, 18.034, 303.112

Deuteranomaly
49, 16.541, 313.773

Tritanomaly
49, 15.956, 342.937

Monochromacy



Original Color
49, 23.825, 328.188

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 8.756, 327.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 23.825, 328.188 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(141, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(141, 105, 138)  
}
```

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(141, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 23.825, 328.188 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(141, 105, 138) }
```

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

```
.border{ border-color:rgb(141, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 23.825, 328.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 138) }
```

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

```
.background{ background-color: rgb(141,  
105, 138) }
```

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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