

Converting Colors

CIELCh(49, 26.928, 325.863)

Have a look what the booklet for
CIELCh(49, 26.928, 325.863)
contains.

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Color

CIELCh(49, 26.568, 325.849)

Conversions

Conversions Part 1

Format	Color
Hex	8E688E
RGB	142, 104, 142
RGB Percent	56%, 41%, 56%
CMY	0.4433, 0.5923, 0.4433
CMYK	0.00, 0.27, 0.00, 0.44
HSL	300°, 15%, 48%
HSV	300°, 27%, 56%
XYZ	20.9766, 17.5941, 27.8685
YIQ	119.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

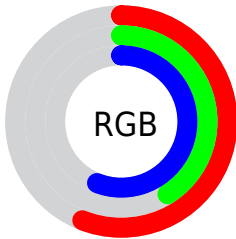
Format	Color
RYB	142, 104, 142
Decimal	9332878
CIELab	49.00, 21.99, -14.91
CIELCh	49, 26.568, 325.849
Yxy	17.5941, 0.3157, 0.2648
Android (android.graphics.Color)	4287522958 (0xFF8E688E)
YUV	119.6940, 10.9969, 19.5624
Hunter-Lab	41.9453, 15.8627, -10.0306

Details

The CIELCh color $49, 26.568, 325.849$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 26.560, 142.689$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 26.358, 325.542$, and $29, 26.855, 325.577$ is the 20% darker color. If you saturate the color by 10%, you get $46, 36.302, 326.357$, and if you desaturate by 10%, it is $53, 16.629, 325.320$.

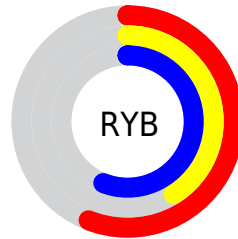
Distribution



Red (56%)

Green (41%)

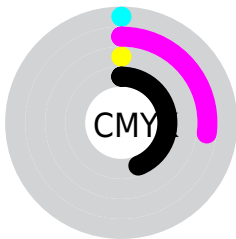
Blue (56%)



Red (56%)

Yellow (41%)

Blue (56%)

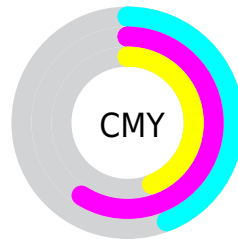


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (59%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 26.568, 325.849 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, 26.568, 325.849 by changing the saturation by 10% instead.

 49, 26.568,
325.849

 49, 26.568,
325.849


 100, 26.568,
325.849

 39, 26.568,
325.849

 69, 26.568,
325.849

 29, 26.568,
325.849

 79, 26.568,
325.849

 19, 26.568,
325.849

 89, 26.568,
325.849

 9, 26.568, 325.849

 99, 26.568,
325.849

 0, 26.568, 325.849

 49, 26.568,

 49, 26.568,

325.849

46, 36.302,
326.357

42, 45.582,
326.830

40, 54.088,
327.253

37, 61.459,
327.611

36, 67.350,
327.890

34, 71.512,
328.084

34, 74.015,
328.199

33, 74.728,
328.232

325.849

53, 16.629,
325.320

56, 6.677, 324.770

60, 3.158, 144.336

64, 12.793,
143.772

68, 22.178,
143.268

72, 31.288,
142.789

76, 40.114,
142.336

81, 48.656,
141.909

■ 85, 56.923,
141.510

Harmonies

Complementary

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



49, 26.568, 325.849



55, 26.560, 142.689

Rectangle

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



49, 26.568, 325.849



49, 26.568, 15.849



49, 26.568, 145.849



49, 26.568, 195.849

Sweetspot

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



49, 26.566, 325.849



71, 9.750, 324.850



46, 22.276, 292.629



36, 6.910, 324.926



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, 26.566, 325.849



60, 39.092, 326.152



48, 19.137, 345.074



28, 5.608, 324.907



32, 72.104, 328.232



1, 3.767, 324.438

Inverse Universe

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



48, 16.368, 21.440



58, 24.662, 22.120



56, 18.578, 160.439



28, 3.246, 19.887



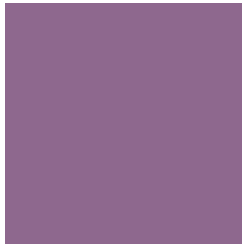
27, 64.131, 38.798



0, 2.121, 19.404

Previews

White Background



This preview shows how the CIELCh color 49, 26.568, 325.849 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, 26.568, 325.849 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, 26.568, 325.849

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.568, 325.849.



This preview shows how white text looks on a background with the CIELCh color 49, 26.568, 325.849.

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, 26.568, 325.849

Protanopia

49, 20.636, 286.018

Deuteranopia

49, 15.328, 294.935



Tritanopia
49, 13.232, 0.457

Trichromacy



Original Color
49, 26.568, 325.849

Protanomaly
49, 21.522, 301.624

Deuteranomaly
49, 19.188, 309.523

Tritanomaly
49, 17.284, 341.645

Monochromacy



Original Color
49, 26.568, 325.849

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.943, 324.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 26.568, 325.849 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(142, 104, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 142)  
}
```

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(142, 104, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.568, 325.849 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(142, 104, 142) }
```

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

```
.border{ border-color:rgb(142, 104, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 104, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.568, 325.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 104, 142) }
```

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

```
.background{ background-color: rgb(142,  
104, 142) }
```

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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