

Converting Colors

CIELCh(49, 25.976, 326.903)

Have a look what the booklet for
CIELCh(49, 25.976, 326.903)
contains.

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Color

CIELCh(49, 26.103, 326.578)

Conversions

Conversions Part 1

Format	Color
Hex	8E688D
RGB	142, 104, 141
RGB Percent	56%, 41%, 55%
CMY	0.4429, 0.5919, 0.4468
CMYK	0.00, 0.27, 0.01, 0.44
HSL	302°, 15%, 48%
HSV	302°, 27%, 56%
XYZ	20.9350, 17.5941, 27.5164
YIQ	119.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

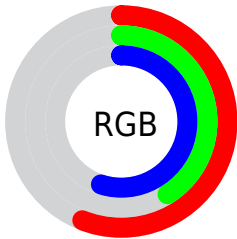
Format	Color
R_{YB}	142, 104, 141
Decimal	9332877
CIE _{Lab}	49.00, 21.79, -14.38
CIE _{LCh}	49, 26.103, 326.578
Yxy	17.5941, 0.3170, 0.2664
Android (android.graphics.Color)	4287522957 (0xFF8E688D)
YUV	119.5800, 10.5601, 19.6623
Hunter-Lab	41.9453, 15.6854, -9.5329

Details

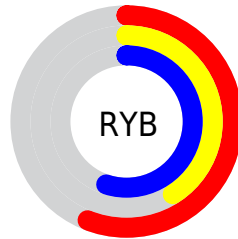
The CIELCh color $49, 26.103, 326.578$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 26.091, 143.387$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 25.918, 326.228$, and $29, 26.352, 326.350$ is the 20% darker color. If you saturate the color by 10%, you get $46, 35.676, 327.101$, and if you desaturate by 10%, it is $53, 16.330, 326.038$.

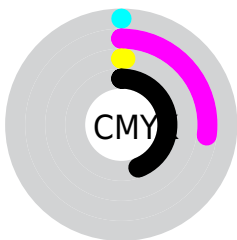
Distribution



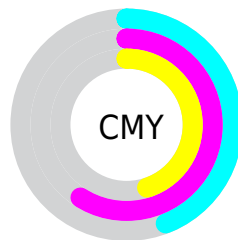
- Red (56%)
- Green (41%)
- Blue (55%)



- Red (56%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (44%)




- Cyan (44%)
- Magenta (59%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 26.103, 326.578 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, 26.103, 326.578 by changing the saturation by 10% instead.


 49, 26.103,
326.578


 49, 26.103,
326.578


 100, 26.103,
326.578


 39, 26.103,
326.578

 69, 26.103,
326.578


 29, 26.103,
326.578

 79, 26.103,
326.578

 19, 26.103,
326.578

 89, 26.103,
326.578

 9, 26.103, 326.578

 99, 26.103,
326.578

 0, 26.103, 326.578

 49, 26.103,

 49, 26.103,

326.578

46, 35.676,
327.101

42, 44.805,
327.594

40, 53.170,
328.045

37, 60.412,
328.441

35, 66.181,
328.771

34, 70.221,
329.030

33, 72.596,
329.225

33, 73.270,
329.284

326.578

53, 16.330,
326.038

56, 6.549, 325.481

60, 3.117, 145.045

64, 12.586,
144.476

68, 21.810,
143.967

72, 30.765,
143.485

77, 39.442,
143.028

81, 47.843,
142.598

■ 85, 55.978,
142.194

Harmonies

Complementary

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



49, 26.103, 326.578



55, 26.091, 143.387

Rectangle

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



49, 26.103, 326.578



49, 26.103, 16.578



49, 26.103, 146.578



49, 26.103, 196.578

Sweetspot

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



49, 26.101, 326.578



71, 9.577, 325.562



45, 22.680, 293.825



36, 6.788, 325.640



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, 26.101, 326.578



60, 38.410, 326.890



48, 18.750, 346.954



28, 5.509, 325.620



31, 70.669, 329.279



1, 3.701, 325.147

Inverse Universe

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



49, 26.101, 326.578



60, 38.410, 326.890



56, 18.106, 162.184



28, 5.509, 325.620



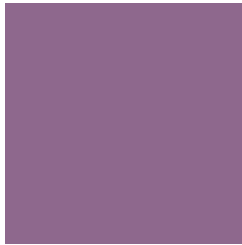
31, 70.669, 329.279



1, 3.701, 325.147

Previews

White Background



This preview shows how the CIELCh color 49, 26.103, 326.578 looks on a white background.

Color Contrast Check

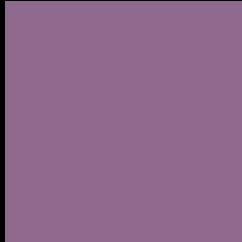
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.103, 326.578 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, 26.103, 326.578

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.103, 326.578.



This preview shows how white text looks on a background with the CIELCh color 49, 26.103, 326.578.

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, 26.103, 326.578

Protanopia

49, 20.057, 285.721

Deuteranopia

49, 14.770, 296.426



Tritanopia
49, 13.232, 0.457

Trichromacy



Original Color
49, 26.103, 326.578

Protanomaly
49, 20.944, 301.830

Deuteranomaly
49, 18.747, 311.164

Tritanomaly
49, 17.284, 341.645

Monochromacy



Original Color
49, 26.103, 326.578

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, 26.103, 326.578 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.103, 326.578 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, 141) }
```

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

```
.border{ border-color:rgb(142, 104, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 141);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.103, 326.578 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, 141) }
```

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

```
.background{ background-color: rgb(142,  
104, 141) }
```

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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