

Converting Colors

CIELCh(49, 26.750, 324.100)

Have a look what the booklet for
CIELCh(49, 26.750, 324.100)
contains.

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Color

CIELCh(49, 26.851, 324.412)

Conversions

Conversions Part 1

Format	Color
Hex	8D688F
RGB	141, 104, 143
RGB Percent	55%, 41%, 56%
CMY	0.4465, 0.5916, 0.4386
CMYK	0.01, 0.27, 0.00, 0.44
HSL	297°, 16%, 48%
HSV	297°, 27%, 56%
XYZ	20.9452, 17.5941, 28.3395
YIQ	119.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

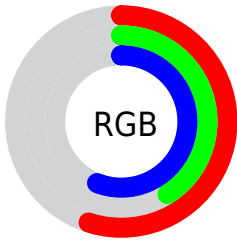
Format	Color
R _Y B	141, 104, 143
Decimal	9267343
CIE Lab	49.00, 21.84, -15.63
CIE LCh	49, 26.851, 324.412
Yxy	17.5941, 0.3132, 0.2631
Android (android.graphics.Color)	4287457423 (0xFF8D688F)
YUV	119.5090, 11.5811, 18.8476
Hunter-Lab	41.9453, 15.7291, -10.6964

Details

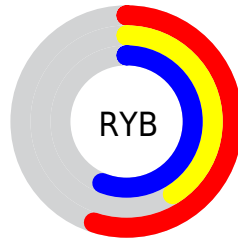
The CIELCh color $49, 26.851, 324.412$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 26.774, 141.403$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 26.616, 324.190$, and $29, 27.194, 324.035$ is the 20% darker color. If you saturate the color by 10%, you get $45, 36.560, 324.887$, and if you desaturate by 10%, it is $53, 16.967, 323.915$.

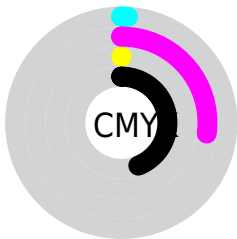
Distribution



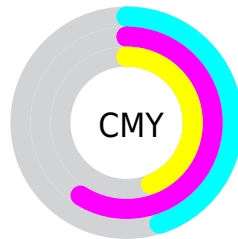
- Red (55%)
- Green (41%)
- Blue (56%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 26.851, 324.412 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, 26.851, 324.412 by changing the saturation by 10% instead.


 49, 26.851,
324.412


 49, 26.851,
324.412

 100, 26.851,
324.412

 39, 26.851,
324.412

 69, 26.851,
324.412

 29, 26.851,
324.412

 79, 26.851,
324.412

 19, 26.851,
324.412

 89, 26.851,
324.412

 9, 26.851, 324.412

 99, 26.851,
324.412

 0, 26.851, 324.412

 49, 26.851,

 49, 26.851,

324.412

45, 36.560,
324.887

42, 45.854,
325.323

39, 54.417,
325.702

37, 61.883,
326.002

35, 67.885,
326.203

33, 72.143,
326.291

33, 74.736,
326.272

32, 75.381,
326.263

324.412

53, 16.967,
323.915

57, 7.091, 323.399

61, 2.661, 143.004


65, 12.211,
142.465

69, 21.515,
141.995

73, 30.552,
141.551

77, 39.313,
141.134

81, 47.801,
140.743

 85, 56.025,
140.379

Harmonies

Complementary

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



49, 26.851, 324.412



56, 26.774, 141.403

Rectangle

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



49, 26.851, 324.412



49, 26.851, 14.412



49, 26.851, 144.412



49, 26.851, 194.412

Sweetspot

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



49, 26.849, 324.412



72, 9.704, 323.448



46, 21.640, 290.663



37, 6.957, 323.521



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 26.849, 324.412



60, 40.218, 324.722



49, 20.256, 342.450



28, 5.520, 323.501



30, 72.293, 326.273



1, 3.706, 323.062

Inverse Universe

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



48, 16.722, 17.541



59, 25.617, 18.367



56, 19.793, 157.931



28, 3.250, 15.735



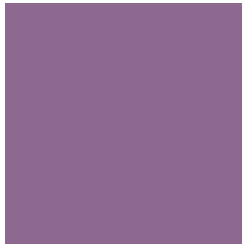
27, 62.517, 36.742



0, 2.129, 15.147

Previews

White Background



This preview shows how the CIELCh color 49, 26.851, 324.412 looks on a white background.

Color Contrast Check

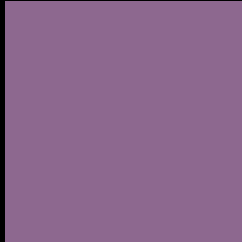
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.851, 324.412 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, 26.851, 324.412

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.851, 324.412.



This preview shows how white text looks on a background with the CIELCh color 49, 26.851, 324.412.

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, 26.851, 324.412

Protanopia

49, 21.248, 285.389

Deuteranopia

49, 15.913, 294.896



Tritanopia
49, 12.840, 359.729

Trichromacy



Original Color
49, 26.851, 324.412

Protanomaly
49, 22.049, 300.496

Deuteranomaly
49, 19.745, 309.039

Tritanomaly
49, 17.344, 339.195

Monochromacy



Original Color
49, 26.851, 324.412

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, 26.851, 324.412 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, 104, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 143)  
}
```

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, 104, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.851, 324.412 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, 104, 143) }
```

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

```
.border{ border-color:rgb(141, 104, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 104, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.851, 324.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 143) }
```

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

```
.background{ background-color: rgb(141,  
104, 143) }
```

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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