

Converting Colors

CIELCh(45, 49.572, 325.909)

Have a look what the booklet for
CIELCh(45, 49.572, 325.909)
contains.

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Color

CIELCh(45, 49.679, 326.108)

Conversions

Conversions Part 1

Format	Color
Hex	974F99
RGB	151, 79, 153
RGB Percent	59%, 31%, 60%
CMY	0.4068, 0.6892, 0.3990
CMYK	0.01, 0.48, 0.00, 0.40
HSL	298°, 32%, 46%
HSV	298°, 48%, 60%
XYZ	21.3980, 14.5417, 31.9300
YIQ	108.9640, 19.1580, 38.2780

Conversions

Conversions Part 2

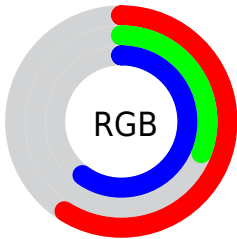
Format	Color
R_{YB}	151, 79, 153
Decimal	9916313
CIE _{Lab}	45.00, 41.24, -27.70
CIE _{LCh}	45, 49.679, 326.108
Yxy	14.5417, 0.3153, 0.2143
Android (android.graphics.Color)	4288106393 (0xFF974F99)
YUV	108.9640, 21.7097, 36.8656
Hunter-Lab	38.1336, 33.4285, -22.9511

Details

The CIELCh color $45, 49.679, 326.108$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 49.770, 140.112$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 49.689, 326.046$, and $25, 49.966, 325.979$ is the 20% darker color. If you saturate the color by 10%, you get $42, 58.566, 326.499$, and if you desaturate by 10%, it is $48, 39.926, 325.660$.

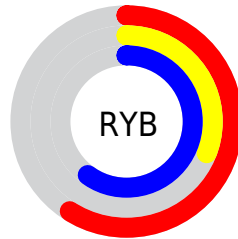
Distribution



Red (59%)

Green (31%)

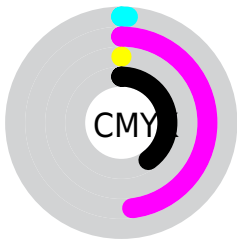
Blue (60%)



Red (59%)

Yellow (31%)

Blue (60%)

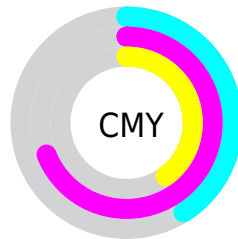


Cyan (1%)

Magenta (48%)

Yellow (0%)

Black (40%)



Cyan (41%)


Magenta (69%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 49.679, 326.108 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 45, 49.679, 326.108 by changing the saturation by 10% instead.

 45, 49.679,
326.108


 45, 49.679,
326.108


 100, 49.679,
326.108

 35, 49.679,
326.108

 65, 49.679,
326.108


 25, 49.679,
326.108

 75, 49.679,
326.108

 15, 49.679,
326.108

 85, 49.679,
326.108

 5, 49.679, 326.108

 95, 49.679,
326.108

 0, 49.679, 326.108

 45, 49.679,

 45, 49.679,

326.108

■ 42, 58.566,
326.499

■ 40, 66.200,
326.813

■ 38, 72.205,
327.035

■ 36, 76.324,
327.155

■ 36, 78.745,
327.183

■ 35, 79.122,
327.186

326.108

■ 48, 39.926,
325.660

■ 52, 29.664,
325.171

■ 56, 19.169,
324.659


■ 60, 8.647, 324.128

■ 64, 1.760, 143.755

■ 68, 11.963,
143.152

■ 73, 21.906,
142.660

■ 77, 31.561,
142.194

 81, 40.918,
141.755

Harmonies

Complementary

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



45, 49.679, 326.108



57, 49.770, 140.112

Rectangle

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



45, 49.679, 326.108



45, 49.679, 16.108



45, 49.679, 146.108



45, 49.679, 196.108

Sweetspot

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



45, 49.677, 326.108



73, 18.118, 324.448



38, 43.928, 295.694



37, 12.486, 324.553



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



45, 49.677, 326.108



54, 71.883, 326.529



44, 36.876, 346.618



30, 5.890, 324.179



32, 74.158, 327.194



1, 6.324, 323.625

Inverse Universe

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



43, 33.557, 22.622



51, 51.096, 25.043



58, 35.337, 157.095



30, 3.439, 17.713



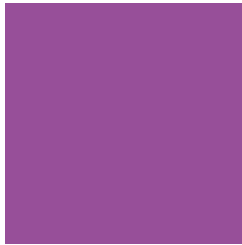
28, 65.213, 37.978



1, 3.600, 17.201

Previews

White Background



This preview shows how the CIELCh color 45, 49.679, 326.108 looks on a white background.

Color Contrast Check

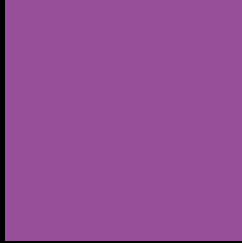
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 49.679, 326.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

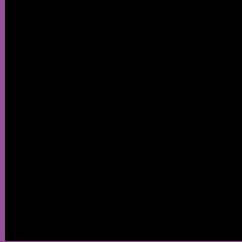
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 49.679, 326.108

Background



This preview shows how black text looks on a background with the CIELCh color 45, 49.679, 326.108.

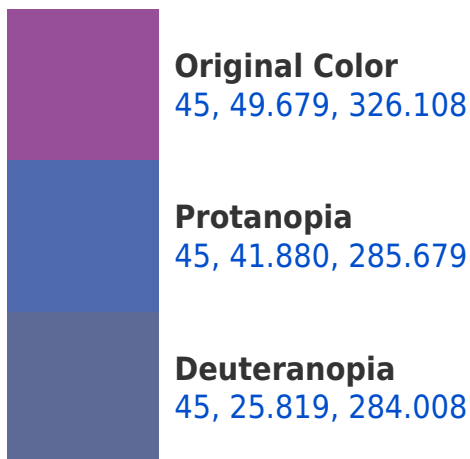


This preview shows how white text looks on a background with the CIELCh color 45, 49.679, 326.108.

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





Tritanopia
45, 22.828, 12.343

Trichromacy



Original Color
45, 49.679, 326.108

Protanomaly
44, 42.604, 299.561

Deuteranomaly
44, 33.619, 305.191

Tritanomaly
45, 30.337, 345.674

Monochromacy



Original Color
45, 49.679, 326.108

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 19.117, 324.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 49.679, 326.108 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(151, 79, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 79, 153)  
}
```

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(151, 79, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 79, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 49.679, 326.108 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(151, 79, 153) }
```

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

```
.border{ border-color:rgb(151, 79, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 79, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 79, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 79, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 79,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 49.679, 326.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 79, 153) }
```

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

```
.background{ background-color: rgb(151, 79,  
153) }
```

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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