

Converting Colors

CIELCh(45, 26.654, 1.512)

Have a look what the booklet for
CIELCh(45, 26.654, 1.512) contains.

CIELCh(45, 26.616, 1.472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(45, 26.616, 1.472)

Conversions

Conversions Part 1

Format	Color
Hex	94596A
RGB	148, 89, 106
RGB Percent	58%, 35%, 42%
CMY	0.4187, 0.6501, 0.5835
CMYK	0.00, 0.40, 0.28, 0.42
HSL	343°, 25%, 47%
HSV	343°, 40%, 58%
XYZ	18.4564, 14.5417, 15.5267
YIQ	108.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

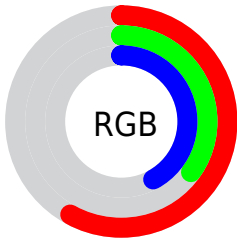
Format	Color
R_{YB}	148, 89, 106
Decimal	9722218
CIE _{Lab}	45.00, 26.61, 0.68
CIE _{LCh}	45, 26.616, 1.472
Yxy	14.5417, 0.3803, 0.2997
Android (android.graphics.Color)	4287912298 (0xFF94596A)
YUV	108.5790, -1.2714, 34.5722
Hunter-Lab	38.1336, 19.6588, 2.5527

Details

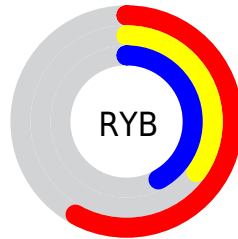
The CIELCh color $45, 26.616, 1.472$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 23.566, 172.834$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 26.403, 1.570$, and $25, 26.733, 0.828$ is the 20% darker color. If you saturate the color by 10%, you get $41, 33.455, 3.267$, and if you desaturate by 10%, it is $49, 19.697, 359.994$.

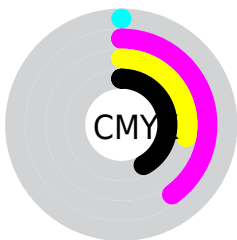
Distribution



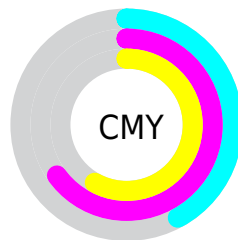
- Red (58%)
- Green (35%)
- Blue (42%)



- Red (58%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (42%)















- Cyan (42%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 26.616, 1.472 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, 26.616, 1.472 by changing the saturation by 10% instead.

 45, 26.616, 1.472	 45, 26.616, 1.472
 100, 26.616, 1.472	 35, 26.616, 1.472
 65, 26.616, 1.472	 25, 26.616, 1.472
 75, 26.616, 1.472	 15, 26.616, 1.472
 85, 26.616, 1.472	 5, 26.616, 1.472
 95, 26.616, 1.472	 0, 26.616, 1.472

 45, 26.616, 1.472	 45, 26.616, 1.472
 41, 33.455, 3.267	 49, 19.697, 359.994
 38, 39.982, 5.482	
 35, 45.905, 8.260	 53, 12.875, 358.742

■ 33, 50.954, 11.760

■ 57, 6.253, 357.648

■ 32, 54.993, 16.110

■ 61, 0.112, 180.243

■ 31, 58.441, 21.010

■ 66, 6.197, 176.029

■ 31, 58.509, 21.096

■ 70, 12.001,
175.269

■ 75, 17.535,
174.602

■ 79, 22.817,
174.000

■ 84, 27.868,
173.451

Harmonies

Complementary

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



45, 26.616, 1.472



57, 23.566, 172.834

Rectangle

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



45, 26.616, 1.472



45, 26.616, 51.472



45, 26.616, 181.472



45, 26.616, 231.472

Sweetspot

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



45, 26.614, 1.474



72, 9.561, 357.905



44, 38.157, 317.389



37, 6.338, 358.027



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



45, 26.614, 1.474



54, 40.109, 3.106



47, 22.644, 39.400



29, 3.588, 357.583



28, 55.331, 20.680



1, 3.081, 356.793

Inverse Universe

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



45, 26.614, 1.474



54, 40.109, 3.106



54, 17.125, 221.615



29, 3.588, 357.583



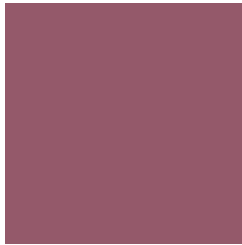
28, 55.331, 20.680



1, 3.081, 356.793

Previews

White Background



This preview shows how the CIELCh color 45, 26.616, 1.472 looks on a white background.

Color Contrast Check

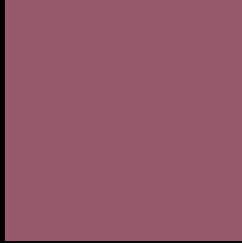
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.616, 1.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

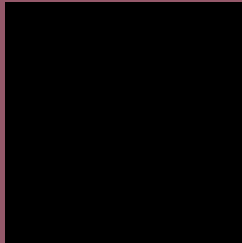
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 26.616, 1.472

Background



This preview shows how black text looks on a background with the CIELCh color 45, 26.616, 1.472.



This preview shows how white text looks on a background with the CIELCh color 45, 26.616, 1.472.

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

45, 26.616, 1.472

Protanopia

45, 5.970, 291.020

Deuteranopia

45, 6.337, 14.791



Tritanopia
45, 24.609, 14.768

Trichromacy



Original Color
45, 26.616, 1.472

Protanomaly
45, 11.214, 341.301

Deuteranomaly
45, 13.728, 3.722

Tritanomaly
45, 25.142, 9.672

Monochromacy



Original Color
45, 26.616, 1.472

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 9.458, 358.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 26.616, 1.472 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(148, 89, 106)` looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 106)  
}
```

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(148, 89, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 26.616, 1.472 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(148, 89, 106) }
```

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

```
.border{ border-color:rgb(148, 89, 106) }
```

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

Here you see how a box with a 4 pixel rgb(148, 89, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 89, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 89, 106);  
box-shadow:4px 4px 4px 4px rgb(148, 89,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 26.616, 1.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 106) }
```

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

```
.background{ background-color: rgb(148, 89,  
106) }
```

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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