

Converting Colors

CIELCh(45, 26.661, 335.656)

Have a look what the booklet for
CIELCh(45, 26.661, 335.656)
contains.

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Color

CIELCh(45, 26.595, 335.893)

Conversions

Conversions Part 1

Format	Color
Hex	8A5C7D
RGB	138, 92, 125
RGB Percent	54%, 36%, 49%
CMY	0.4588, 0.6392, 0.5098
CMYK	0.00, 0.33, 0.09, 0.46
HSL	317°, 20%, 45%
HSV	317°, 33%, 54%
XYZ	18.0140, 14.5417, 21.2636
YIQ	109.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

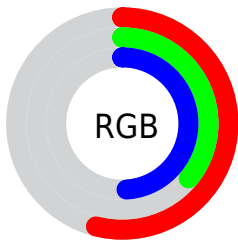
Format	Color
R_{YB}	138, 92, 125
Decimal	9067645
CIE _{Lab}	45.00, 24.28, -10.86
CIE _{LCh}	45, 26.595, 335.893
Yxy	14.5417, 0.3347, 0.2702
Android (android.graphics.Color)	4287257725 (0xFF8A5C7D)
YUV	109.5160, 7.6336, 24.9805
Hunter-Lab	38.1336, 17.5884, -6.3670

Details

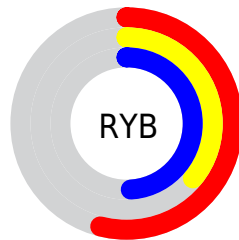
The CIELCh color $45, 26.595, 335.893$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 26.340, 150.967$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 26.629, 335.487$, and $25, 26.424, 335.984$ is the 20% darker color. If you saturate the color by 10%, you get $42, 34.306, 336.684$, and if you desaturate by 10%, it is $49, 18.626, 335.150$.

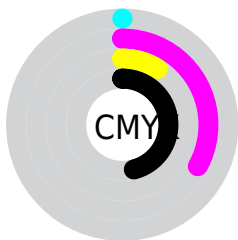
Distribution



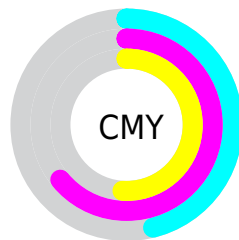
- Red (54%)
- Green (36%)
- Blue (49%)



- Red (54%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (46%)





- Cyan (46%)
- Magenta (64%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 26.595, 335.893 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, 26.595, 335.893 by changing the saturation by 10% instead.


 45, 26.595,
335.893


 45, 26.595,
335.893


 100, 26.595,
335.893


 35, 26.595,
335.893

 65, 26.595,
335.893


 25, 26.595,
335.893

 75, 26.595,
335.893

 15, 26.595,
335.893

 85, 26.595,
335.893

 5, 26.595, 335.893

 95, 26.595,
335.893

 0, 26.595, 335.893

 45, 26.595,

 45, 26.595,

335.893

42, 34.306,
336.684

39, 41.506,
337.535

36, 47.865,
338.467

34, 53.023,
339.512

32, 56.656,
340.716

31, 58.579,
342.139

30, 59.398,
343.154

335.893

49, 18.626,
335.150

52, 10.595,
334.443

56, 2.628, 333.711

60, 5.192, 153.233

64, 12.818,
152.614

68, 20.228,
152.049

72, 27.414,
151.520

76, 34.377,
151.021

■ 80, 41.126,
150.552

Harmonies

Complementary

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



45, 26.595, 335.893



53, 26.340, 150.967

Rectangle

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



45, 26.595, 335.893



45, 26.595, 25.893



45, 26.595, 155.893



45, 26.595, 205.893

Sweetspot

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



45, 26.593, 335.894



68, 9.785, 334.226



42, 28.281, 302.921



35, 6.656, 334.310



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



45, 26.593, 335.894



55, 39.177, 336.484



44, 20.529, 4.439



27, 4.464, 334.152



29, 57.740, 343.081



0, 2.057, 333.591

Inverse Universe

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



45, 26.593, 335.894



55, 39.177, 336.484



54, 18.182, 177.630



27, 4.464, 334.152



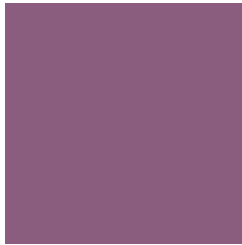
29, 57.740, 343.081



0, 2.057, 333.591

Previews

White Background



This preview shows how the CIELCh color 45, 26.595, 335.893 looks on a white background.

Color Contrast Check

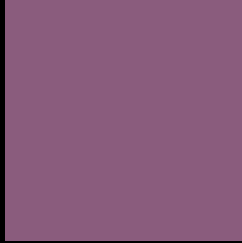
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.595, 335.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

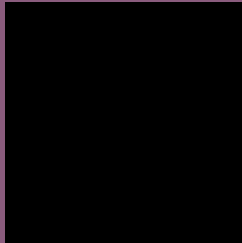
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 26.595, 335.893

Background



This preview shows how black text looks on a background with the CIELCh color 45, 26.595, 335.893.



This preview shows how white text looks on a background with the CIELCh color 45, 26.595, 335.893.

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, 26.595, 335.893

Protanopia

45, 16.780, 285.033

Deuteranopia

45, 11.628, 303.276



Tritanopia
45, 17.119, 7.844

Trichromacy



Original Color
45, 26.595, 335.893

Protanomaly
45, 18.682, 307.841

Deuteranomaly
45, 16.402, 320.634

Tritanomaly
45, 19.409, 353.035

Monochromacy



Original Color
45, 26.595, 335.893

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 9.963, 334.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 26.595, 335.893 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(138, 92, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 92, 125)  
}
```

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(138, 92, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 92, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 26.595, 335.893 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(138, 92, 125) }
```

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

```
.border{ border-color:rgb(138, 92, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 92, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 92, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 92, 125);  
box-shadow:4px 4px 4px 4px rgb(138, 92,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 26.595, 335.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 92, 125) }
```

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

```
.background{ background-color: rgb(138, 92,  
125) }
```

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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