

Converting Colors

CIELCh(45, 30.179, 337.452)

Have a look what the booklet for
CIELCh(45, 30.179, 337.452)
contains.

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Color

CIELCh(45, 30.279, 337.663)

Conversions

Conversions Part 1

Format	Color
Hex	8F597E
RGB	143, 89, 126
RGB Percent	56%, 35%, 49%
CMY	0.4385, 0.6503, 0.5052
CMYK	0.00, 0.38, 0.12, 0.44
HSL	319°, 23%, 46%
HSV	319°, 38%, 56%
XYZ	18.7253, 14.5417, 21.6202
YIQ	109.3640, 20.3070, 22.9550

Conversions

Conversions Part 2

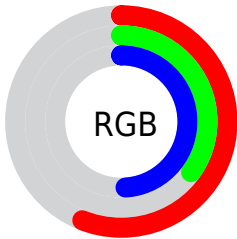
Format	Color
R_{YB}	143, 89, 126
Decimal	9394558
CIE _{Lab}	45.00, 28.01, -11.51
CIE _{LCh}	45, 30.279, 337.663
Yxy	14.5417, 0.3412, 0.2649
Android (android.graphics.Color)	4287584638 (0xFF8F597E)
YUV	109.3640, 8.2015, 29.4988
Hunter-Lab	38.1336, 20.9179, -6.9215

Details

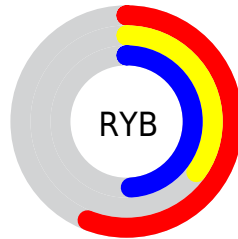
The CIELCh color $45, 30.279, 337.663$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 29.889, 151.743$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 30.451, 337.599$, and $25, 30.474, 337.337$ is the 20% darker color. If you saturate the color by 10%, you get $42, 37.877, 338.541$, and if you desaturate by 10%, it is $49, 22.318, 336.854$.

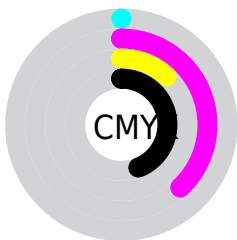
Distribution



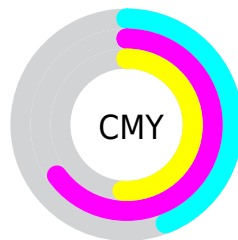
- Red (56%)
- Green (35%)
- Blue (49%)



- Red (56%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (12%)
- Black (44%)





- Cyan (44%)
- Magenta (65%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 30.279, 337.663 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, 30.279, 337.663 by changing the saturation by 10% instead.


 45, 30.279,
337.663


 45, 30.279,
337.663


 100, 30.279,
337.663

 35, 30.279,
337.663

 65, 30.279,
337.663


 25, 30.279,
337.663

 75, 30.279,
337.663

 15, 30.279,
337.663


 85, 30.279,
337.663

 5, 30.279, 337.663

 95, 30.279,
337.663

 0, 30.279, 337.663

 45, 30.279,

 45, 30.279,

337.663

337.663

42, 37.877,
338.541

49, 22.318,
336.854

39, 44.819,
339.507

52, 14.226,
336.096

36, 50.745,
340.596

56, 6.155, 335.367

34, 55.285,
341.854

60, 1.791, 154.899

65, 9.554, 154.155

32, 58.153,
343.349

69, 17.101,
153.556

31, 59.473,
345.114

73, 24.421,
152.999

31, 59.739,
345.522

77, 31.511,
152.477

81, 38.381,

Harmonies

Complementary

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



45, 30.279, 337.663



55, 29.889, 151.743

Rectangle

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



45, 30.279, 337.663



45, 30.279, 27.663



45, 30.279, 157.663



45, 30.279, 207.663

Sweetspot

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



45, 30.277, 337.664



70, 10.893, 335.623



42, 33.317, 304.396



36, 7.383, 335.709



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



45, 30.277, 337.664



55, 44.363, 338.380



44, 23.963, 7.626



28, 4.497, 335.474



29, 57.341, 345.400



1, 3.014, 334.892

Inverse Universe

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



45, 30.277, 337.664



55, 44.363, 338.380



56, 20.517, 179.772



28, 4.497, 335.474



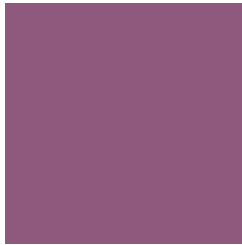
29, 57.341, 345.400



1, 3.014, 334.892

Previews

White Background



This preview shows how the CIELCh color 45, 30.279, 337.663 looks on a white background.

Color Contrast Check

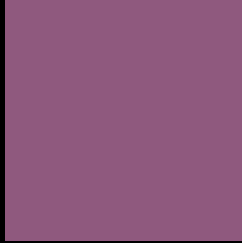
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.279, 337.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

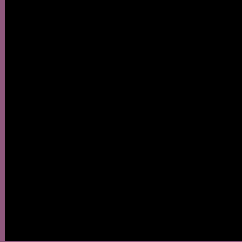
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 30.279, 337.663

Background



This preview shows how black text looks on a background with the CIELCh color 45, 30.279, 337.663.



This preview shows how white text looks on a background with the CIELCh color 45, 30.279, 337.663.

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, 30.279, 337.663

Protanopia

45, 19.165, 285.335

Deuteranopia

45, 11.554, 301.382



Tritanopia
45, 20.167, 10.497

Trichromacy



Original Color
45, 30.279, 337.663

Protanomaly
45, 21.186, 308.249

Deuteranomaly
45, 17.310, 322.058

Tritanomaly
45, 22.878, 355.155

Monochromacy



Original Color
45, 30.279, 337.663

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 11.654, 335.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 30.279, 337.663 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(143, 89, 126)` looks like.

```
.text, #text, p{  
    color:rgb(143, 89, 126)  
}
```

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(143, 89, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 89, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 30.279, 337.663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

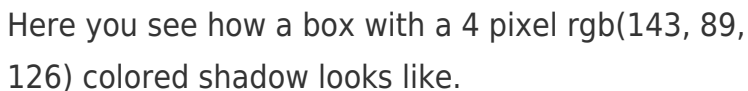
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 89, 126) }
```

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

```
.border{ border-color:rgb(143, 89, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 89, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 89, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 89, 126); box-shadow:4px 4px 4px 4px rgb(143, 89, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 30.279, 337.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 89, 126) }
```

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

```
.background{ background-color: rgb(143, 89,  
126) }
```

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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