

Converting Colors

CIELCh(45, 29.752, 339.282)

Have a look what the booklet for
CIELCh(45, 29.752, 339.282)
contains.

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Color

CIELCh(45, 30.171, 339.116)

Conversions

Conversions Part 1

Format	Color
Hex	90597D
RGB	144, 89, 125
RGB Percent	56%, 35%, 49%
CMY	0.4355, 0.6511, 0.5100
CMYK	0.00, 0.38, 0.13, 0.44
HSL	321°, 24%, 46%
HSV	321°, 38%, 56%
XYZ	18.7605, 14.5417, 21.2047
YIQ	109.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

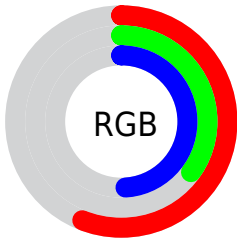
Format	Color
RYB	144, 89, 125
Decimal	9460093
CIELab	45.00, 28.19, -10.76
CIELCh	45, 30.171, 339.116
Yxy	14.5417, 0.3442, 0.2668
Android (android.graphics.Color)	4287650173 (0xFF90597D)
YUV	109.5490, 7.6173, 30.2135
Hunter-Lab	38.1336, 21.0824, -6.2754

Details

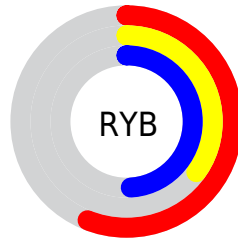
The CIELCh color $45, 30.171, 339.116$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 29.674, 152.914$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 30.359, 338.927$, and $25, 30.316, 338.964$ is the 20% darker color. If you saturate the color by 10%, you get $42, 37.646, 340.058$, and if you desaturate by 10%, it is $49, 22.335, 338.258$.

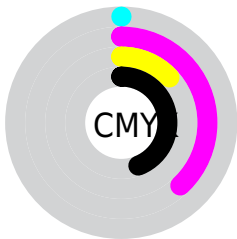
Distribution



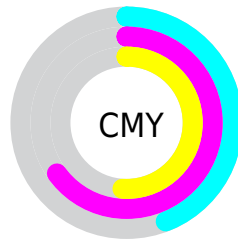
- Red (56%)
- Green (35%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (44%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 30.171, 339.116 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, 30.171, 339.116 by changing the saturation by 10% instead.


 45, 30.171,
339.116


 45, 30.171,
339.116


 100, 30.171,
339.116


 35, 30.171,
339.116

 65, 30.171,
339.116


 25, 30.171,
339.116


 75, 30.171,
339.116

 15, 30.171,
339.116


 85, 30.171,
339.116

 5, 30.171, 339.116

 95, 30.171,
339.116

 0, 30.171, 339.116

 45, 30.171,

 45, 30.171,

339.116

42, 37.646,
340.058

39, 44.465,
341.110

36, 50.265,
342.315

34, 54.680,
343.731

32, 57.429,
345.439

31, 58.690,
347.466

31, 58.900,
347.835

339.116

49, 22.335,
338.258

52, 14.370,
337.463

56, 6.429, 336.707

61, 1.387, 156.266

65, 9.017, 155.456

69, 16.432,
154.841

73, 23.620,
154.271

77, 30.580,
153.738

81, 37.320,

Harmonies

Complementary

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



45, 30.171, 339.116



55, 29.674, 152.914

Rectangle

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



45, 30.171, 339.116



45, 30.171, 29.116



45, 30.171, 159.116



45, 30.171, 209.116

Sweetspot

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



45, 30.169, 339.117



70, 10.659, 336.935



42, 34.009, 305.514



36, 7.225, 337.024



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, 30.169, 339.117



54, 44.394, 339.934



44, 24.300, 10.232



28, 4.400, 336.780



29, 56.322, 347.682



1, 2.948, 336.180

Inverse Universe

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



45, 30.169, 339.117



54, 44.394, 339.934



56, 20.411, 182.460



28, 4.400, 336.780



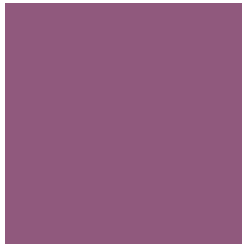
29, 56.322, 347.682



1, 2.948, 336.180

Previews

White Background



This preview shows how the CIELCh color 45, 30.171, 339.116 looks on a white background.

Color Contrast Check

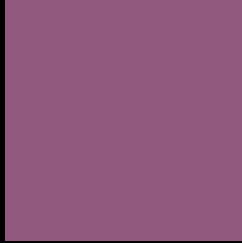
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.171, 339.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

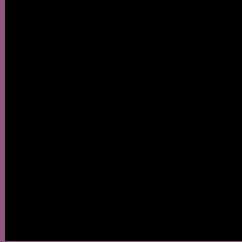
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 30.171, 339.116

Background



This preview shows how black text looks on a background with the CIELCh color 45, 30.171, 339.116.



This preview shows how white text looks on a background with the CIELCh color 45, 30.171, 339.116.

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, 30.171, 339.116

Protanopia

45, 17.992, 284.623

Deuteranopia

45, 11.045, 303.861



Tritanopia
45, 20.596, 10.817

Trichromacy



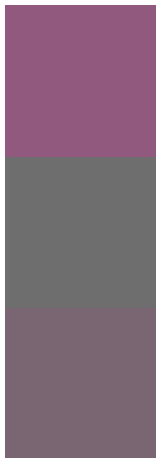
Original Color
45, 30.171, 339.116

Protanomaly
45, 20.050, 309.121

Deuteranomaly
45, 17.011, 324.286

Tritanomaly
45, 23.247, 355.716

Monochromacy



Original Color
45, 30.171, 339.116

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 11.251, 337.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 30.171, 339.116 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(144, 89, 125)` looks like.

```
.text, #text, p{  
    color:rgb(144, 89, 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(144, 89, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 89, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 30.171, 339.116 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(144, 89, 125) }
```

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

```
.border{ border-color:rgb(144, 89, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 89, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 89, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 89, 125); box-shadow:4px 4px 4px 4px rgb(144, 89, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 30.171, 339.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 89, 125) }
```

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

```
.background{ background-color: rgb(144, 89,  
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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