

Converting Colors

CIELCh(45, 27.439, 325.272)

Have a look what the booklet for
CIELCh(45, 27.439, 325.272)
contains.

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Color

CIELCh(45, 27.386, 325.242)

Conversions

Conversions Part 1

Format	Color
Hex	845E85
RGB	132, 94, 133
RGB Percent	52%, 37%, 52%
CMY	0.4832, 0.6322, 0.4793
CMYK	0.01, 0.29, 0.00, 0.48
HSL	298°, 17%, 44%
HSV	298°, 29%, 52%
XYZ	17.6819, 14.5417, 23.9836
YIQ	109.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

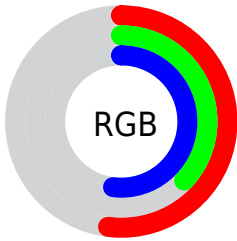
Format	Color
R_{YB}	132, 94, 133
Decimal	8674949
CIE Lab	45.00, 22.50, -15.61
CIE LCh	45, 27.386, 325.242
Yxy	14.5417, 0.3146, 0.2587
Android (android.graphics.Color)	4286865029 (0xFF845E85)
YUV	109.8080, 11.4337, 19.4624
Hunter-Lab	38.1336, 16.0337, -10.5961

Details

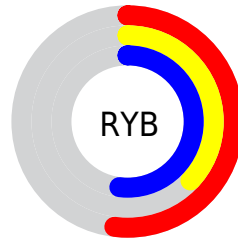
The CIELCh color $45, 27.386, 325.242$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 27.347, 141.881$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 27.285, 325.627$, and $25, 27.246, 325.738$ is the 20% darker color. If you saturate the color by 10%, you get $42, 36.491, 325.723$, and if you desaturate by 10%, it is $48, 18.057, 324.737$.

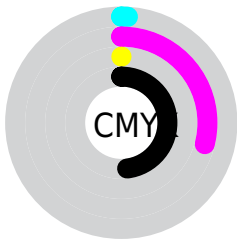
Distribution



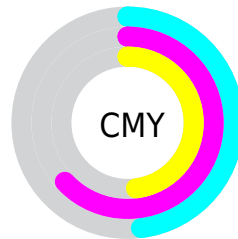
- Red (52%)
- Green (37%)
- Blue (52%)



- Red (52%)
- Yellow (37%)
- Blue (52%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)





- Cyan (48%)
- Magenta (63%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 27.386, 325.242 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, 27.386, 325.242 by changing the saturation by 10% instead.


 45, 27.386,
325.242


 45, 27.386,
325.242


 100, 27.386,
325.242


 35, 27.386,
325.242

 65, 27.386,
325.242


 25, 27.386,
325.242

 75, 27.386,
325.242

 15, 27.386,
325.242

 85, 27.386,
325.242

 5, 27.386, 325.242

 95, 27.386,
325.242

 0, 27.386, 325.242

 45, 27.386,

 45, 27.386,

325.242

42, 36.491,
325.723

39, 45.132,
326.164

36, 52.999,
326.549

34, 59.753,
326.858

32, 65.070,
327.078

31, 68.730,
327.199

30, 71.114,
327.244

30, 71.264,
327.247

325.242

48, 18.057,
324.737

52, 8.694, 324.214

56, 0.580, 144.048

59, 9.680, 143.247

63, 18.556,
142.756

67, 27.183,
142.292

71, 35.547,
141.853

75, 43.651,
141.440

79, 51.499,

Harmonies

Complementary

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



45, 27.386, 325.242



52, 27.347, 141.881

Rectangle

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



45, 27.386, 325.242



45, 27.386, 15.242



45, 27.386, 145.242



45, 27.386, 195.242

Sweetspot

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



45, 27.384, 325.242



67, 10.392, 324.206



42, 22.833, 292.328



34, 7.196, 324.273



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



45, 27.384, 325.242



56, 40.472, 325.555



44, 20.104, 344.403



26, 5.230, 324.202



30, 70.204, 327.249



0, 1.245, 323.755

Inverse Universe

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



44, 17.090, 19.742



54, 25.885, 20.567



52, 19.521, 159.353



26, 3.050, 17.796



26, 61.340, 37.493



0, 0.708, 17.267

Previews

White Background



This preview shows how the CIELCh color 45, 27.386, 325.242 looks on a white background.

Color Contrast Check

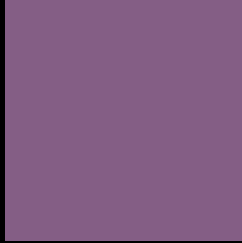
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.386, 325.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

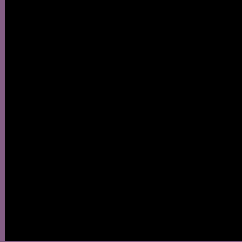
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 27.386, 325.242

Background



This preview shows how black text looks on a background with the CIELCh color 45, 27.386, 325.242.



This preview shows how white text looks on a background with the CIELCh color 45, 27.386, 325.242.

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, 27.386, 325.242

Protanopia

45, 21.580, 285.706

Deuteranopia

45, 16.152, 293.726



Tritanopia
45, 12.888, 2.403

Trichromacy



Original Color
45, 27.386, 325.242

Protanomaly
45, 22.449, 301.572

Deuteranomaly
45, 20.050, 309.121

Tritanomaly
45, 17.224, 340.838

Monochromacy



Original Color
45, 27.386, 325.242

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 10.093, 325.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 27.386, 325.242 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(132, 94, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 94, 133)  
}
```

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(132, 94, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 94, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 27.386, 325.242 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(132, 94, 133) }
```

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

```
.border{ border-color:rgb(132, 94, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 94, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 94, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 94, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 94,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 27.386, 325.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 94, 133) }
```

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

```
.background{ background-color: rgb(132, 94,  
133) }
```

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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