

Converting Colors

CIELCh(45, 43.230, 329.911)

Have a look what the booklet for
CIELCh(45, 43.230, 329.911)
contains.

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Color

CIELCh(45, 43.235, 329.942)

Conversions

Conversions Part 1

Format	Color
Hex	96528F
RGB	150, 82, 143
RGB Percent	59%, 32%, 56%
CMY	0.4112, 0.6779, 0.4386
CMYK	0.00, 0.45, 0.05, 0.41
HSL	306°, 29%, 46%
HSV	306°, 45%, 59%
XYZ	20.6024, 14.5417, 27.7660
YIQ	109.2860, 20.9470, 33.3870

Conversions

Conversions Part 2

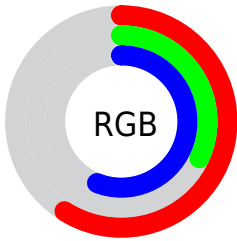
Format	Color
R_{YB}	150, 82, 143
Decimal	9851535
CIE _{Lab}	45.00, 37.42, -21.66
CIE _{LCh}	45, 43.235, 329.942
Yxy	14.5417, 0.3275, 0.2312
Android (android.graphics.Color)	4288041615 (0xFF96528F)
YUV	109.2860, 16.6210, 35.7062
Hunter-Lab	38.1336, 29.7045, -16.4770

Details

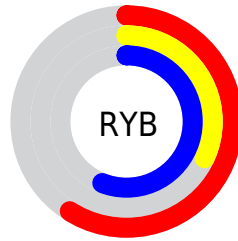
The CIELCh color $45, 43.235, 329.942$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 43.357, 143.763$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 43.630, 330.098$, and $25, 43.267, 330.034$ is the 20% darker color. If you saturate the color by 10%, you get $42, 51.667, 330.496$, and if you desaturate by 10%, it is $48, 34.076, 329.373$.

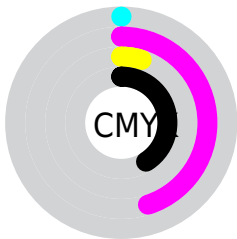
Distribution



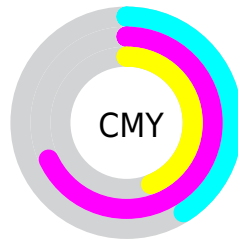
- Red (59%)
- Green (32%)
- Blue (56%)



- Red (59%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (41%)





- Cyan (41%)
- Magenta (68%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 43.235, 329.942 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, 43.235, 329.942 by changing the saturation by 10% instead.


 45, 43.235,
329.942


 45, 43.235,
329.942


 100, 43.235,
329.942


 35, 43.235,
329.942

 65, 43.235,
329.942


 25, 43.235,
329.942

 75, 43.235,
329.942

 15, 43.235,
329.942

 85, 43.235,
329.942

 5, 43.235, 329.942

 95, 43.235,
329.942

 0, 43.235, 329.942

 45, 43.235,

 45, 43.235,

329.942

42, 51.667,
330.496

39, 59.001,
331.027

37, 64.854,
331.535

36, 68.923,
332.023

35, 71.128,
332.504

34, 71.900,
332.727

329.942

48, 34.076,
329.373

52, 24.515,
328.794

56, 14.795,
328.213

60, 5.093, 327.615

64, 4.474, 147.157

68, 13.833,
146.587

73, 22.943,
146.066

77, 31.785,
145.573

■ 81, 40.355,
145.106

Harmonies

Complementary

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



45, 43.235, 329.942



56, 43.357, 143.763

Rectangle

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



45, 43.235, 329.942



45, 43.235, 19.942



45, 43.235, 149.942



45, 43.235, 199.942

Sweetspot

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



45, 43.233, 329.942



72, 16.847, 328.154



39, 41.786, 299.119



37, 11.732, 328.271



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



45, 43.233, 329.942



55, 62.822, 330.486



44, 31.909, 354.546



29, 5.381, 327.855



31, 67.544, 332.689



1, 4.679, 327.360

Inverse Universe

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



45, 43.233, 329.942



55, 62.822, 330.486



57, 29.285, 164.760



29, 5.381, 327.855



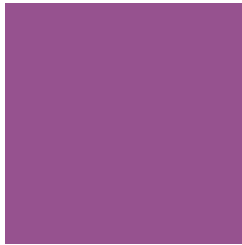
31, 67.544, 332.689



1, 4.679, 327.360

Previews

White Background



This preview shows how the CIELCh color 45, 43.235, 329.942 looks on a white background.

Color Contrast Check

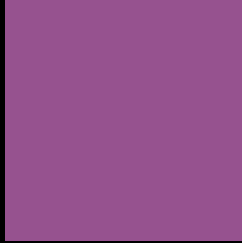
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 43.235, 329.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

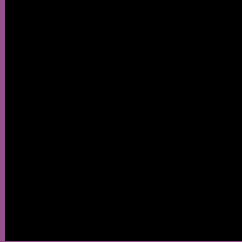
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 45, 43.235, 329.942

Background



This preview shows how black text looks on a background with the CIELCh color 45, 43.235, 329.942.



This preview shows how white text looks on a background with the CIELCh color 45, 43.235, 329.942.

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, 43.235, 329.942

Protanopia

45, 33.575, 285.149

Deuteranopia

45, 20.316, 287.957



Tritanopia
45, 23.260, 12.609

Trichromacy



Original Color
45, 43.235, 329.942

Protanomaly
45, 35.077, 301.950

Deuteranomaly
45, 27.522, 309.789

Tritanomaly
45, 28.606, 350.073

Monochromacy



Original Color
45, 43.235, 329.942

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 16.505, 329.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 43.235, 329.942 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(150, 82, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 82, 143)  
}
```

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(150, 82, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 82, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 43.235, 329.942 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(150, 82, 143) }
```

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

```
.border{ border-color:rgb(150, 82, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 82, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 82, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 82, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 82,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 43.235, 329.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 82, 143) }
```

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

```
.background{ background-color: rgb(150, 82,  
143) }
```

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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