

Converting Colors

CIELCh(45, 43.038, 332.906)

Have a look what the booklet for
CIELCh(45, 43.038, 332.906)
contains.

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Color

CIELCh(45, 43.152, 332.819)

Conversions

Conversions Part 1

Format	Color
Hex	99518C
RGB	153, 81, 140
RGB Percent	60%, 32%, 55%
CMY	0.4001, 0.6825, 0.4511
CMYK	0.00, 0.47, 0.08, 0.40
HSL	311°, 31%, 46%
HSV	311°, 47%, 60%
XYZ	20.8019, 14.5417, 26.5091
YIQ	109.2540, 23.9730, 33.6130

Conversions

Conversions Part 2

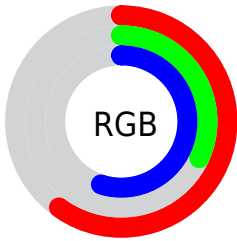
Format	Color
R _Y B	153, 81, 140
Decimal	10047884
CIE Lab	45.00, 38.39, -19.71
CIE LCh	45, 43.152, 332.819
Yxy	14.5417, 0.3363, 0.2351
Android (android.graphics.Color)	4288237964 (0xFF99518C)
YUV	109.2540, 15.1578, 38.3652
Hunter-Lab	38.1336, 30.6379, -14.5227

Details

The CIELCh color $45, 43.152, 332.819$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 43.188, 145.914$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 43.031, 332.791$, and $25, 43.267, 332.672$ is the 20% darker color. If you saturate the color by 10%, you get $42, 51.124, 333.497$, and if you desaturate by 10%, it is $48, 34.412, 332.157$.

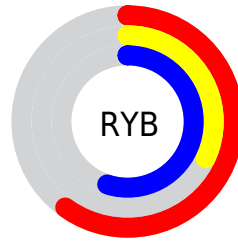
Distribution



Red (60%)

Green (32%)

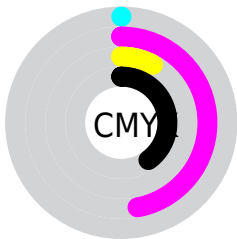
Blue (55%)



Red (60%)

Yellow (32%)

Blue (55%)

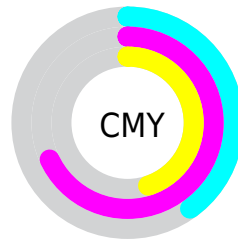


Cyan (0%)

Magenta (47%)

Yellow (8%)

Black (40%)



Cyan (40%)


Magenta (68%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 43.152, 332.819 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, 43.152, 332.819 by changing the saturation by 10% instead.


 45, 43.152,
332.819


 45, 43.152,
332.819


 100, 43.152,
332.819


 35, 43.152,
332.819

 65, 43.152,
332.819


 25, 43.152,
332.819

 75, 43.152,
332.819

 15, 43.152,
332.819

 85, 43.152,
332.819

 5, 43.152, 332.819

 95, 43.152,
332.819

 0, 43.152, 332.819

 45, 43.152,

 45, 43.152,

332.819

42, 51.124,
333.497

39, 57.947,
334.196

37, 63.228,
334.929

36, 66.671,
335.718

35, 68.317,
336.585

35, 68.702,
336.843

332.819

48, 34.412,
332.157

52, 25.240,
331.508

56, 15.890,
330.873


60, 6.542, 330.240

64, 2.683, 149.782

69, 11.711,
149.146

73, 20.502,
148.598

77, 29.036,
148.082

 82, 37.309,
147.594

Harmonies

Complementary

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



45, 43.152, 332.819



57, 43.188, 145.914

Rectangle

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



45, 43.152, 332.819



45, 43.152, 22.819



45, 43.152, 152.819



45, 43.152, 202.819

Sweetspot

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



45, 43.150, 332.819



73, 16.126, 330.697



39, 44.283, 301.287



37, 11.114, 330.822



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, 43.150, 332.819



54, 62.132, 333.500



44, 32.826, 359.477



30, 5.242, 330.379



31, 64.549, 336.765



1, 5.577, 330.319

Inverse Universe

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



45, 43.150, 332.819



54, 62.132, 333.500



58, 29.107, 168.778



30, 5.242, 330.379



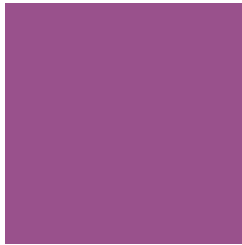
31, 64.549, 336.765



1, 5.577, 330.319

Previews

White Background



This preview shows how the CIELCh color 45, 43.152, 332.819 looks on a white background.

Color Contrast Check

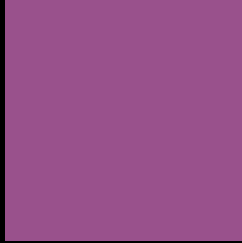
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.152, 332.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

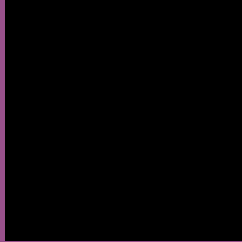
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 43.152, 332.819

Background



This preview shows how black text looks on a background with the CIELCh color 45, 43.152, 332.819.

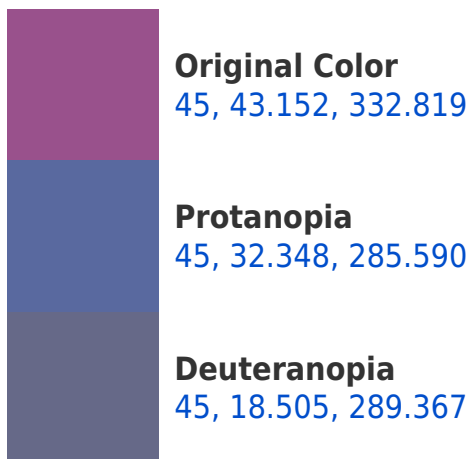


This preview shows how white text looks on a background with the CIELCh color 45, 43.152, 332.819.

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





Tritanopia
45, 25.516, 13.917

Trichromacy



Original Color
45, 43.152, 332.819

Protanomaly
44, 34.094, 303.875

Deuteranomaly
45, 26.325, 314.075

Tritanomaly
45, 29.756, 353.204

Monochromacy



Original Color
45, 43.152, 332.819

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 16.301, 331.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 43.152, 332.819 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(153, 81, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 81, 140)  
}
```

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(153, 81, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 81, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 43.152, 332.819 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(153, 81, 140) }
```

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

```
.border{ border-color:rgb(153, 81, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 81, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 81, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 81, 140);  
box-shadow:4px 4px 4px 4px rgb(153, 81,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 43.152, 332.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 81, 140) }
```

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

```
.background{ background-color: rgb(153, 81,  
140) }
```

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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