

Converting Colors

CIELCh(45, 43.228, 343.374)

Have a look what the booklet for
CIELCh(45, 43.228, 343.374)
contains.

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Color

CIELCh(45, 43.251, 343.410)

Conversions

Conversions Part 1

Format	Color
Hex	A24D80
RGB	162, 77, 128
RGB Percent	64%, 30%, 50%
CMY	0.3648, 0.6981, 0.4981
CMYK	0.00, 0.52, 0.21, 0.36
HSL	324°, 36%, 47%
HSV	324°, 52%, 64%
XYZ	21.4429, 14.5417, 22.0913
YIQ	108.2290, 34.2890, 33.8810

Conversions

Conversions Part 2

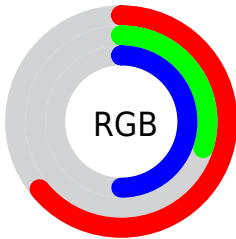
Format	Color
R_{YB}	162, 77, 128
Decimal	10636672
CIE _{Lab}	45.00, 41.45, -12.35
CIE _{LCh}	45, 43.251, 343.410
Yxy	14.5417, 0.3692, 0.2504
Android (android.graphics.Color)	4288826752 (0xFFA24D80)
YUV	108.2290, 9.7471, 47.1572
Hunter-Lab	38.1336, 33.6385, -7.6540

Details

The CIELCh color $45, 43.251, 343.410$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $60, 42.169, 153.418$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 43.362, 343.396$, and $25, 43.243, 343.431$ is the 20% darker color. If you saturate the color by 10%, you get $42, 50.098, 344.721$, and if you desaturate by 10%, it is $49, 35.529, 342.278$.

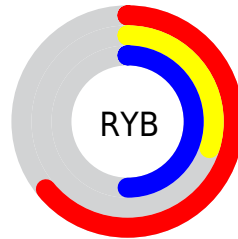
Distribution



Red (64%)

Green (30%)

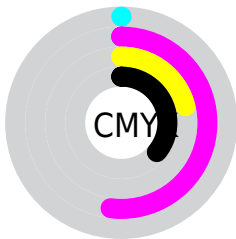
Blue (50%)



Red (64%)

Yellow (30%)

Blue (50%)

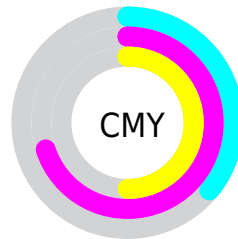


Cyan (0%)

Magenta (52%)

Yellow (21%)

Black (36%)



Cyan (36%)


Magenta (70%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 43.251, 343.410 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, 43.251, 343.410 by changing the saturation by 10% instead.


 45, 43.251,
343.410


 45, 43.251,
343.410


 100, 43.251,
343.410


 35, 43.251,
343.410

 65, 43.251,
343.410


 25, 43.251,
343.410

 75, 43.251,
343.410

 15, 43.251,
343.410

 85, 43.251,
343.410

 5, 43.251, 343.410

 95, 43.251,
343.410

 0, 43.251, 343.410

 45, 43.251,

 45, 43.251,

343.410

42, 50.098,
344.721

39, 55.665,
346.279

37, 59.571,
348.179

36, 61.614,
350.536

35, 62.347,
352.559

343.410

49, 35.529,
342.278

53, 27.304,
341.276

57, 18.860,
340.371

61, 10.396,
339.537

65, 2.044, 338.657

70, 6.117, 158.165

75, 14.047,
157.485

79, 21.727,
156.870

■ 84, 29.154,
156.300

Harmonies

Complementary

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



45, 43.251, 343.410



60, 42.169, 153.418

Rectangle

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



45, 43.251, 343.410



45, 43.251, 33.410



45, 43.251, 163.410



45, 43.251, 213.410

Sweetspot

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



45, 43.249, 343.411



76, 16.632, 339.850



40, 52.530, 308.667



39, 11.334, 340.012



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



45, 43.249, 343.411



54, 62.421, 344.971



44, 37.866, 18.145



32, 4.730, 339.278



31, 57.682, 352.253



1, 7.013, 341.347

Inverse Universe

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



45, 43.249, 343.411



54, 62.421, 344.971



61, 28.007, 187.059



32, 4.730, 339.278



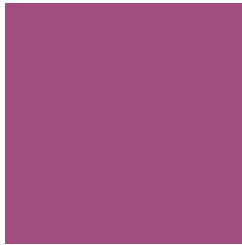
31, 57.682, 352.253



1, 7.013, 341.347

Previews

White Background



This preview shows how the CIELCh color 45, 43.251, 343.410 looks on a white background.

Color Contrast Check

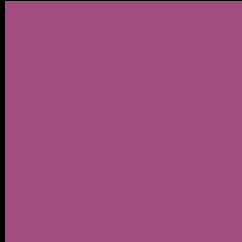
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.251, 343.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

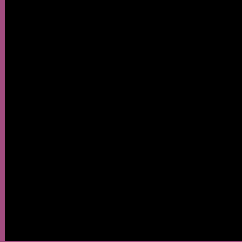
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 43.251, 343.410

Background



This preview shows how black text looks on a background with the CIELCh color 45, 43.251, 343.410.

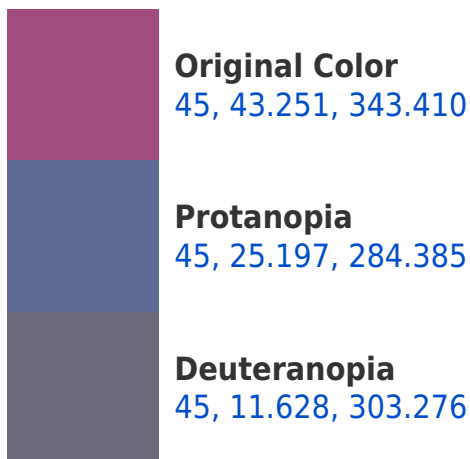


This preview shows how white text looks on a background with the CIELCh color 45, 43.251, 343.410.

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, 32.366, 18.139

Trichromacy



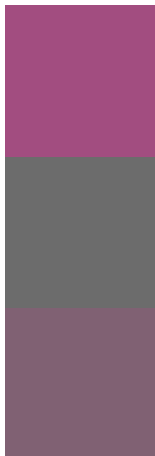
Original Color
45, 43.251, 343.410

Protanomaly
44, 29.013, 311.331

Deuteranomaly
44, 23.041, 329.240

Tritanomaly
45, 34.421, 3.220

Monochromacy



Original Color
45, 43.251, 343.410

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 16.559, 341.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 43.251, 343.410 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(162, 77, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 77, 128)  
}
```

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(162, 77, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 77, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 43.251, 343.410 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(162, 77, 128) }
```

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

```
.border{ border-color:rgb(162, 77, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 77, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 77, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 77, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 77,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 43.251, 343.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 77, 128) }
```

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

```
.background{ background-color: rgb(162, 77,  
128) }
```

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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