

Converting Colors

CIELCh(43, 44.406, 356.071)

Have a look what the booklet for
CIELCh(43, 44.406, 356.071)
contains.

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Color

CIELCh(43, 44.241, 356.200)

Conversions

Conversions Part 1

Format	Color
Hex	A5446C
RGB	165, 68, 108
RGB Percent	65%, 27%, 42%
CMY	0.3539, 0.7342, 0.5773
CMYK	0.00, 0.59, 0.35, 0.35
HSL	335°, 42%, 46%
HSV	335°, 59%, 65%
XYZ	20.2144, 13.1578, 15.6014
YIQ	101.5630, 44.9720, 33.0040

Conversions

Conversions Part 2

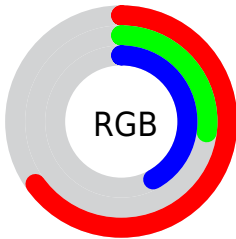
Format	Color
R_{YB}	165, 68, 108
Decimal	10830956
CIE Lab	43.00, 44.14, -2.93
CIE LCh	43, 44.241, 356.200
Yxy	13.1578, 0.4128, 0.2687
Android (android.graphics.Color)	4289021036 (0xFFA5446C)
YUV	101.5630, 3.1734, 55.6342
Hunter-Lab	36.2736, 35.9948, -0.1093

Details

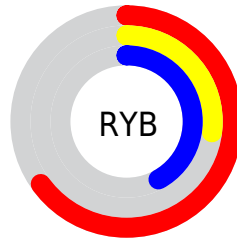
The CIELCh color **43, 44.241, 356.200** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 40.144, 162.054**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 44.480, 356.363**, and **23, 44.304, 356.282** is the 20% darker color. If you saturate the color by 10%, you get **40, 50.336, 358.501**, and if you desaturate by 10%, it is **47, 37.245, 354.344**.

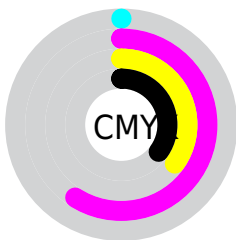
Distribution



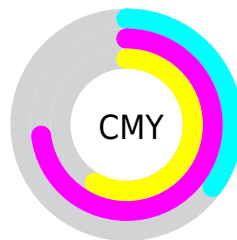
- Red (65%)
- Green (27%)
- Blue (42%)



- Red (65%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (35%)



- Cyan (35%)
- Magenta (73%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.241, 356.200 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 43, 44.241, 356.200 by changing the saturation by 10% instead.

 43, 44.241,
356.200

 43, 44.241,
356.200


 100, 44.241,
356.200

 33, 44.241,
356.200

 63, 44.241,
356.200

 23, 44.241,
356.200

 73, 44.241,
356.200

 13, 44.241,
356.200

 83, 44.241,
356.200

 3, 44.241, 356.200

 93, 44.241,
356.200

 0, 44.241, 356.200

 43, 44.241,

 43, 44.241,

356.200

356.200

40, 50.336,
358.501

47, 37.245,
354.344

38, 55.180, 1.396

50, 29.722,
352.809

36, 58.550, 5.055

55, 21.971,
351.510

35, 60.743, 9.463

35, 61.002, 9.966

59, 14.211,
350.384

64, 6.584, 349.372

68, 0.826, 169.015

73, 7.980, 167.818

78, 14.860,
167.081

82, 21.471,

Harmonies

Complementary

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



43, 44.241, 356.200



61, 40.144, 162.054

Rectangle

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



43, 44.241, 356.200



43, 44.241, 46.200



43, 44.241, 176.200



43, 44.241, 226.200

Sweetspot

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



43, 44.238, 356.201



75, 16.781, 350.328



40, 60.298, 314.482



38, 11.680, 350.625



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 44.238, 356.201



51, 63.417, 359.423



44, 42.424, 31.897



32, 4.173, 349.412



30, 55.610, 9.379



1, 6.254, 351.056

Inverse Universe

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



43, 44.238, 356.201



51, 63.417, 359.423



60, 26.842, 207.063



32, 4.173, 349.412



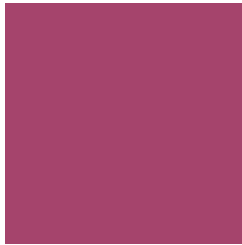
30, 55.610, 9.379



1, 6.254, 351.056

Previews

White Background



This preview shows how the CIE LCh color 43, 44.241, 356.200 looks on a white background.

Color Contrast Check

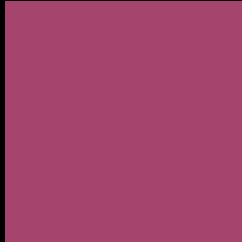
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 44.241, 356.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

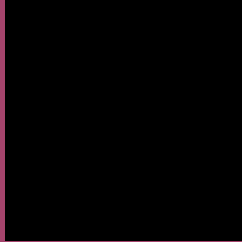
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.241, 356.200

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.241, 356.200.

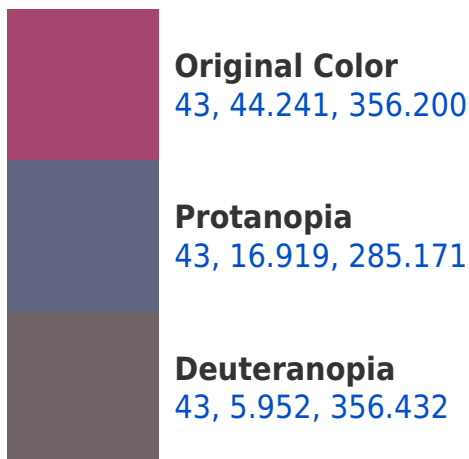


This preview shows how white text looks on a background with the CIELCh color 43, 44.241, 356.200.

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
43, 39.737, 21.778

Trichromacy



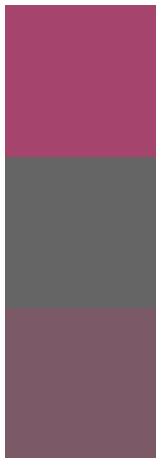
Original Color
43, 44.241, 356.200

Protanomaly
42, 22.833, 324.926

Deuteranomaly
42, 20.586, 353.024

Tritanomaly
43, 40.222, 12.358

Monochromacy



Original Color
43, 44.241, 356.200

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 16.900, 352.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.241, 356.200 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(165, 68, 108)` looks like.

```
.text, #text, p{  
    color:rgb(165, 68, 108)  
}
```

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(165, 68, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 68, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.241, 356.200 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(165, 68, 108) }
```

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

```
.border{ border-color:rgb(165, 68, 108) }
```

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

Here you see how a box with a 4 pixel rgb(165, 68, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 68, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 68, 108);  
box-shadow:4px 4px 4px 4px rgb(165, 68,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.241, 356.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 68, 108) }
```

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

```
.background{ background-color: rgb(165, 68,  
108) }
```

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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