

Converting Colors

CIELCh(43, 52.902, 337.046)

Have a look what the booklet for
CIELCh(43, 52.902, 337.046)
contains.

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Color

CIELCh(43, 52.902, 337.046)

Conversions

Conversions Part 1

Format	Color
Hex	A24189
RGB	162, 65, 137
RGB Percent	64%, 25%, 54%
CMY	0.3665, 0.7468, 0.4644
CMYK	0.00, 0.60, 0.15, 0.37
HSL	315°, 43%, 44%
HSV	315°, 60%, 63%
XYZ	21.1572, 13.1578, 24.9310
YIQ	102.2110, 34.7000, 42.9560

Conversions

Conversions Part 2

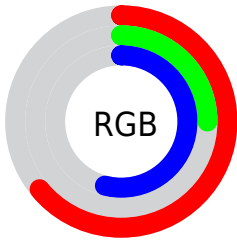
Format	Color
RYB	162, 65, 137
Decimal	10633609
CIELab	43.00, 48.71, -20.63
CIELCh	43, 52.902, 337.046
Yxy	13.1578, 0.3571, 0.2221
Android (android.graphics.Color)	4288823689 (0xFFA24189)
YUV	102.2110, 17.1510, 52.4350
Hunter-Lab	36.2736, 40.6340, -15.3588

Details

The CIELCh color **43, 52.902, 337.046** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **59, 53.221, 146.782**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 53.056, 336.811**, and **23, 52.862, 336.857** is the 20% darker color. If you saturate the color by 10%, you get **40, 59.226, 337.989**, and if you desaturate by 10%, it is **46, 45.275, 336.188**.

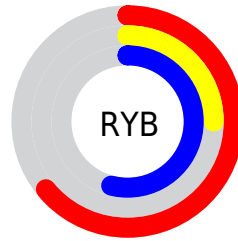
Distribution



Red (64%)

Green (25%)

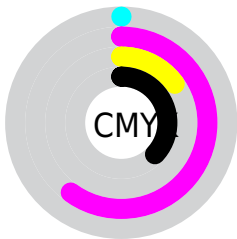
Blue (54%)



Red (64%)

Yellow (25%)

Blue (54%)

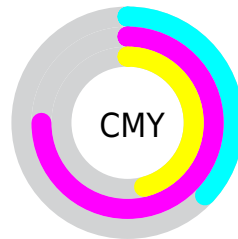


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 52.902, 337.046 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, 52.902, 337.046 by changing the saturation by 10% instead.


 43, 52.902,
337.046


 43, 52.902,
337.046


 100, 52.902,
337.046

 33, 52.902,
337.046

 63, 52.902,
337.046

 23, 52.902,
337.046

 73, 52.902,
337.046

 13, 52.902,
337.046

 83, 52.902,
337.046

 3, 52.902, 337.046

 93, 52.902,
337.046

 0, 52.902, 337.046

 43, 52.902,

 43, 52.902,

337.046

40, 59.226,
337.989

38, 63.855,
339.052

37, 66.522,
340.286

36, 67.612,
341.689

337.046

46, 45.275,
336.188

50, 36.770,
335.391

54, 27.749,
334.639

58, 18.495,
333.925

62, 9.212, 333.236

66, 0.035, 324.656

71, 8.954, 152.049

75, 17.707,
151.457

80, 26.204,

Harmonies

Complementary

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



43, 52.902, 337.046



59, 53.221, 146.782

Rectangle

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



43, 52.902, 337.046



43, 52.902, 27.046



43, 52.902, 157.046



43, 52.902, 207.046

Sweetspot

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



43, 52.900, 337.046



74, 20.493, 333.807



35, 60.160, 305.123



38, 14.225, 333.998



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 52.900, 337.046



51, 73.845, 338.324



41, 42.891, 8.561



32, 5.236, 333.184



32, 62.674, 341.537



1, 7.782, 334.764

Inverse Universe

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



43, 52.900, 337.046



51, 73.845, 338.324



60, 34.656, 173.066



32, 5.236, 333.184



32, 62.674, 341.537



1, 7.782, 334.764

Previews

White Background



This preview shows how the CIELCh color 43, 52.902, 337.046 looks on a white background.

Color Contrast Check

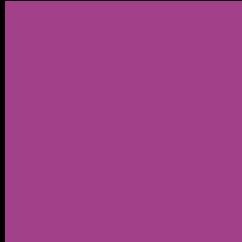
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.902, 337.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

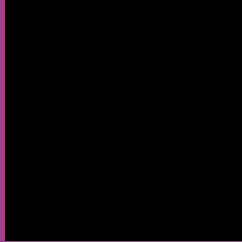
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.902, 337.046

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.902, 337.046.

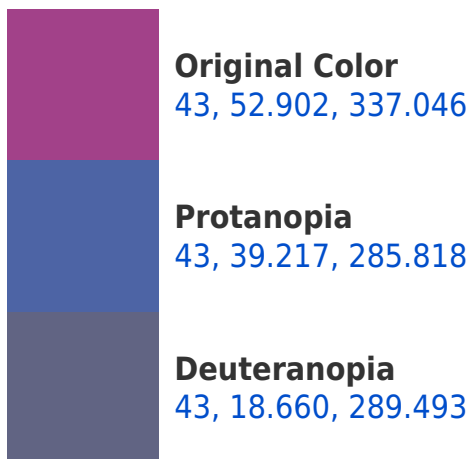


This preview shows how white text looks on a background with the CIELCh color 43, 52.902, 337.046.

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, 35.074, 20.248

Trichromacy



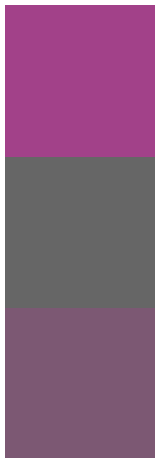
Original Color
43, 52.902, 337.046

Protanomaly
42, 41.762, 305.221

Deuteranomaly
42, 30.401, 317.710

Tritanomaly
43, 38.497, 0.229

Monochromacy



Original Color
43, 52.902, 337.046

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 21.725, 334.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.902, 337.046 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, 65, 137)` looks like.

```
.text, #text, p{  
    color:rgb(162, 65, 137)  
}
```

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, 65, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 65, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.902, 337.046 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, 65, 137) }
```

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

```
.border{ border-color:rgb(162, 65, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 65, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 65, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 65, 137); box-shadow:4px 4px 4px 4px rgb(162, 65, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.902, 337.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 65, 137) }
```

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

```
.background{ background-color: rgb(162, 65,  
137) }
```

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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