

Converting Colors

CIELCh(43, 53.609, 354.462)

Have a look what the booklet for
CIELCh(43, 53.609, 354.462)
contains.

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Color

CIELCh(43, 53.609, 354.462)

Conversions

Conversions Part 1

Format	Color
Hex	B03870
RGB	176, 56, 112
RGB Percent	69%, 22%, 44%
CMY	0.3110, 0.7815, 0.5618
CMYK	0.00, 0.68, 0.36, 0.31
HSL	332°, 52%, 45%
HSV	332°, 68%, 69%
XYZ	22.1452, 13.1578, 16.6255
YIQ	98.2640, 53.5440, 42.8560

Conversions

Conversions Part 2

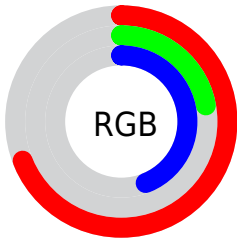
Format	Color
R_{YB}	176, 56, 112
Decimal	11548784
CIE _{Lab}	43.00, 53.36, -5.17
CIE _{LCh}	43, 53.609, 354.462
Yxy	13.1578, 0.4265, 0.2534
Android (android.graphics.Color)	4289738864 (0xFFB03870)
YUV	98.2640, 6.7718, 68.1745
Hunter-Lab	36.2736, 45.4963, -1.7832

Details

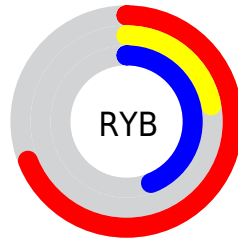
The CIELCh color **43, 53.609, 354.462** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **64, 50.161, 157.377**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 53.700, 354.241**, and **25, 48.897, 356.866** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.566, 357.033**, and if you desaturate by 10%, it is **46, 47.211, 352.409**.

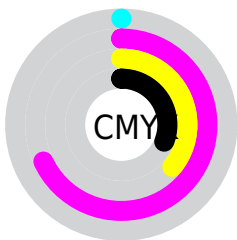
Distribution



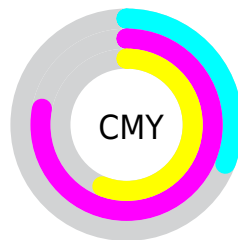
- Red (69%)
- Green (22%)
- Blue (44%)



- Red (69%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (68%)
- Yellow (36%)
- Black (31%)





- Cyan (31%)
- Magenta (78%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.609, 354.462 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, 53.609, 354.462 by changing the saturation by 10% instead.


 43, 53.609,
354.462


 43, 53.609,
354.462


 100, 53.609,
354.462

 33, 53.609,
354.462

 63, 53.609,
354.462


 23, 53.609,
354.462

 73, 53.609,
354.462

 13, 53.609,
354.462

 83, 53.609,
354.462

 3, 53.609, 354.462

 93, 53.609,
354.462

 0, 53.609, 354.462

 43, 53.609,

 43, 53.609,

354.462

354.462

41, 58.566,
357.033

46, 47.211,
352.409

39, 61.826, 0.283

50, 39.784,
350.733

38, 63.585, 4.279

54, 31.733,
349.331

37, 63.874, 4.978

58, 23.390,
348.129

63, 14.999,
347.073

68, 6.719, 346.113

73, 1.354, 165.614

77, 9.170, 164.616

82, 16.709,

Harmonies

Complementary

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



43, 53.609, 354.462



64, 50.161, 157.377

Rectangle

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



43, 53.609, 354.462



43, 53.609, 44.462



43, 53.609, 174.462



43, 53.609, 224.462

Sweetspot

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



43, 53.606, 354.463



79, 20.418, 347.281



37, 72.868, 312.833



40, 13.950, 347.564



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 53.606, 354.463



52, 73.832, 358.612



42, 55.396, 30.418



34, 4.543, 346.208



32, 57.004, 4.350



2, 8.972, 350.575

Inverse Universe

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



43, 53.606, 354.463



52, 73.832, 358.612



65, 32.890, 198.723



34, 4.543, 346.208



32, 57.004, 4.350



2, 8.972, 350.575

Previews

White Background



This preview shows how the CIELCh color 43, 53.609, 354.462 looks on a white background.

Color Contrast Check

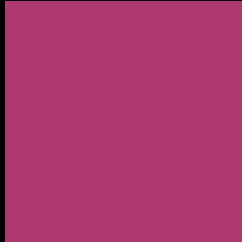
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.609, 354.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

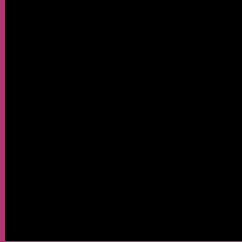
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.609, 354.462

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.609, 354.462.

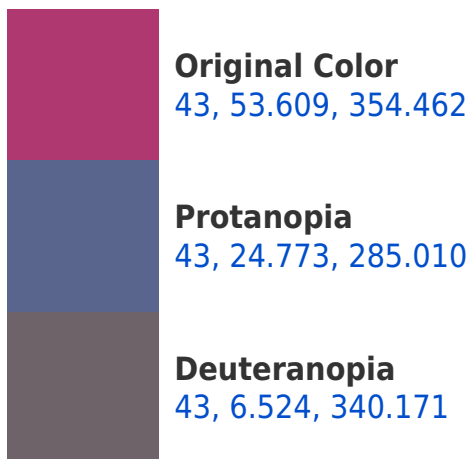


This preview shows how white text looks on a background with the CIELCh color 43, 53.609, 354.462.

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, 48.713, 25.182

Trichromacy



Original Color
43, 53.609, 354.462

Protanomaly
42, 30.900, 319.766

Deuteranomaly
42, 25.935, 348.420

Tritanomaly
43, 48.777, 13.350

Monochromacy



Original Color
43, 53.609, 354.462

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 21.520, 348.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.609, 354.462 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(176, 56, 112)` looks like.

```
.text, #text, p{  
    color:rgb(176, 56, 112)  
}
```

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(176, 56, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 56, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.609, 354.462 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(176, 56, 112) }
```

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

```
.border{ border-color:rgb(176, 56, 112) }
```

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

Here you see how a box with a 4 pixel rgb(176, 56, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 56, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 56, 112);  
box-shadow:4px 4px 4px 4px rgb(176, 56,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.609, 354.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 56, 112) }
```

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

```
.background{ background-color: rgb(176, 56,  
112) }
```

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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