

Converting Colors

CIELCh(43, 49.398, 353.685)

Have a look what the booklet for
CIELCh(43, 49.398, 353.685)
contains.

CIELCh(43, 49.314, 353.675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 49.314, 353.675)

Conversions

Conversions Part 1

Format	Color
Hex	AA3E70
RGB	170, 62, 112
RGB Percent	67%, 24%, 44%
CMY	0.3334, 0.7569, 0.5608
CMYK	0.00, 0.64, 0.34, 0.33
HSL	332°, 47%, 45%
HSV	332°, 64%, 67%
XYZ	21.2202, 13.1578, 16.7468
YIQ	99.9920, 48.3180, 38.4460

Conversions

Conversions Part 2

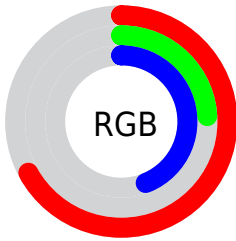
Format	Color
R_{YB}	170, 62, 112
Decimal	11157104
CIE _{Lab}	43.00, 49.01, -5.43
CIE _{LCh}	43, 49.314, 353.675
Yxy	13.1578, 0.4151, 0.2574
Android (android.graphics.Color)	4289347184 (0xFFAA3E70)
YUV	99.9920, 5.9199, 61.3970
Hunter-Lab	36.2736, 40.9443, -1.9814

Details

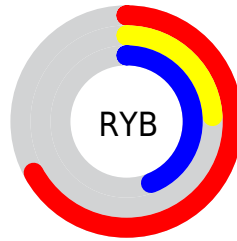
The CIELCh color $43, 49.314, 353.675$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $63, 45.924, 158.422$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 49.045, 353.499$, and $23, 47.842, 354.658$ is the 20% darker color. If you saturate the color by 10%, you get $40, 54.879, 355.988$, and if you desaturate by 10%, it is $46, 42.542, 351.812$.

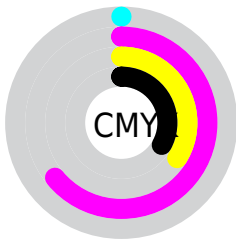
Distribution



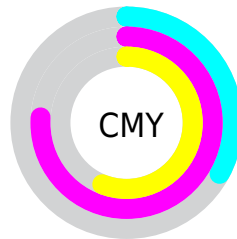
- Red (67%)
- Green (24%)
- Blue (44%)



- Red (67%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (33%)





- Cyan (33%)
- Magenta (76%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 49.314, 353.675 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, 49.314, 353.675 by changing the saturation by 10% instead.


 43, 49.314,
353.675


 43, 49.314,
353.675


 100, 49.314,
353.675

 33, 49.314,
353.675

 63, 49.314,
353.675

 23, 49.314,
353.675

 73, 49.314,
353.675

 13, 49.314,
353.675

 83, 49.314,
353.675

 3, 49.314, 353.675

 93, 49.314,
353.675

 0, 49.314, 353.675

 43, 49.314,

 43, 49.314,

353.675

40, 54.879,
355.988

38, 58.905,
358.901

37, 61.265, 2.578

36, 62.323, 5.238

353.675

46, 42.542,
351.812

50, 34.977,
350.273

54, 26.978,
348.970

59, 18.826,
347.841

63, 10.713,
346.838

68, 2.761, 345.855

73, 4.962, 165.266

78, 12.421,
164.494

■ 82, 19.609,
163.816

Harmonies

Complementary

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



43, 49.314, 353.675



63, 45.924, 158.422

Rectangle

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



43, 49.314, 353.675



43, 49.314, 43.675



43, 49.314, 173.675



43, 49.314, 223.675

Sweetspot

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



43, 49.311, 353.676



77, 18.804, 347.409



38, 66.374, 313.157



40, 13.081, 347.694



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 49.311, 353.676



52, 69.068, 357.028



42, 49.198, 29.939



33, 4.420, 346.435



31, 56.283, 4.659



2, 7.640, 349.507

Inverse Universe

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



43, 49.311, 353.676



52, 69.068, 357.028



63, 30.251, 200.773



33, 4.420, 346.435



31, 56.283, 4.659



2, 7.640, 349.507

Previews

White Background



This preview shows how the CIELCh color 43, 49.314, 353.675 looks on a white background.

Color Contrast Check

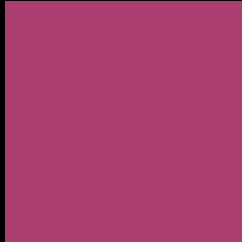
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.314, 353.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

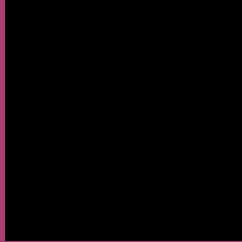
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 49.314, 353.675

Background



This preview shows how black text looks on a background with the CIELCh color 43, 49.314, 353.675.



This preview shows how white text looks on a background with the CIELCh color 43, 49.314, 353.675.

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



Original Color

43, 49.314, 353.675

Protanopia

43, 22.347, 285.298

Deuteranopia

43, 6.213, 337.629



Tritanopia
43, 43.939, 23.117

Trichromacy



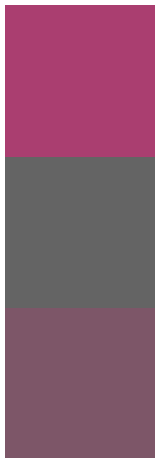
Original Color
43, 49.314, 353.675

Protanomaly
42, 28.304, 319.755

Deuteranomaly
42, 23.003, 348.122

Tritanomaly
43, 44.361, 11.883

Monochromacy



Original Color
43, 49.314, 353.675

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.486, 348.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 49.314, 353.675 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(170, 62, 112)` looks like.

```
.text, #text, p{  
    color:rgb(170, 62, 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(170, 62, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 62, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 49.314, 353.675 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(170, 62, 112) }
```

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

```
.border{ border-color:rgb(170, 62, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 62, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 62, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 62, 112);  
box-shadow:4px 4px 4px 4px rgb(170, 62,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 49.314, 353.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 62, 112) }
```

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

```
.background{ background-color: rgb(170, 62,  
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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