

Converting Colors

CIELCh(43, 59.681, 314.156)

Have a look what the booklet for
CIELCh(43, 59.681, 314.156)
contains.

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Color

CIELCh(43, 59.851, 314.208)

Conversions

Conversions Part 1

Format	Color
Hex	844CAD
RGB	132, 76, 173
RGB Percent	52%, 30%, 68%
CMY	0.4813, 0.7010, 0.3205
CMYK	0.24, 0.56, 0.00, 0.32
HSL	275°, 39%, 49%
HSV	275°, 56%, 68%
XYZ	19.7283, 13.1578, 41.1728
YIQ	103.8020, 2.2390, 42.0390

Conversions

Conversions Part 2

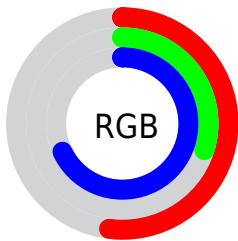
Format	Color
R _Y B	132, 76, 173
Decimal	8670381
CIE Lab	43.00, 41.73, -42.90
CIE LCh	43, 59.851, 314.208
Yxy	13.1578, 0.2664, 0.1777
Android (android.graphics.Color)	4286860461 (0xFF844CAD)
YUV	103.8020, 34.1146, 24.7296
Hunter-Lab	36.2736, 33.6028, -41.9062

Details

The CIELCh color **43, 59.851, 314.208** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **65, 56.070, 129.205**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 59.871, 314.110**, and **23, 60.106, 314.274** is the 20% darker color. If you saturate the color by 10%, you get **39, 69.834, 314.519**, and if you desaturate by 10%, it is **48, 49.223, 313.796**.

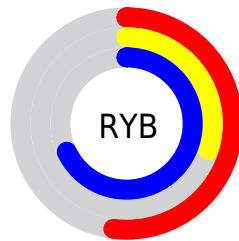
Distribution



Red (52%)

Green (30%)

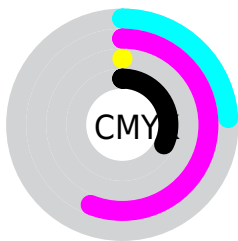
Blue (68%)



Red (52%)

Yellow (30%)

Blue (68%)

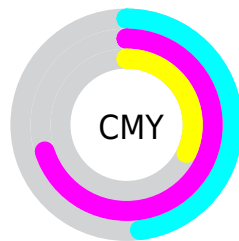


Cyan (24%)

Magenta (56%)

Yellow (0%)

Black (32%)



Cyan (48%)


Magenta (70%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 59.851, 314.208 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, 59.851, 314.208 by changing the saturation by 10% instead.


 43, 59.851,
314.208


 43, 59.851,
314.208


 100, 59.851,
314.208


 33, 59.851,
314.208

 63, 59.851,
314.208


 23, 59.851,
314.208

 73, 59.851,
314.208

 13, 59.851,
314.208

 83, 59.851,
314.208

 3, 59.851, 314.208

 93, 59.851,
314.208

 0, 59.851, 314.208

 43, 59.851,

 43, 59.851,

314.208

■ 39, 69.834,
314.519

■ 35, 78.637,
314.655

■ 32, 85.613,
314.528

■ 30, 90.249,
314.062

■ 29, 91.824,
313.853

314.208

■ 48, 49.223,
313.796

■ 52, 38.339,
313.336

■ 57, 27.447,
312.863


■ 63, 16.700,
312.400

■ 68, 6.183, 311.952

■ 73, 4.060, 131.601

■ 78, 14.009,
131.212

■ 83, 23.662,
130.877

 88, 33.023,
130.581

Harmonies

Complementary

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



43, 59.851, 314.208



65, 56.070, 129.205

Rectangle

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



43, 59.851, 314.208



43, 59.851, 4.208



43, 59.851, 134.208



43, 59.851, 184.208

Sweetspot

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



43, 59.850, 314.208



79, 21.938, 312.459



49, 33.760, 273.332



40, 14.688, 312.548



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, 59.850, 314.208



49, 87.171, 314.566



48, 60.032, 329.336



34, 5.866, 312.100



24, 82.676, 313.978



1, 12.002, 308.429

Inverse Universe

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



46, 44.237, 354.976



55, 63.256, 357.643



63, 60.637, 141.460



34, 4.416, 348.810



32, 56.991, 8.584



2, 8.774, 352.935

Previews

White Background



This preview shows how the CIELCh color 43, 59.851, 314.208 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 43, 59.851, 314.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

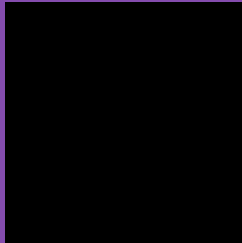
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 59.851, 314.208

Background



This preview shows how black text looks on a background with the CIELCh color 43, 59.851, 314.208.

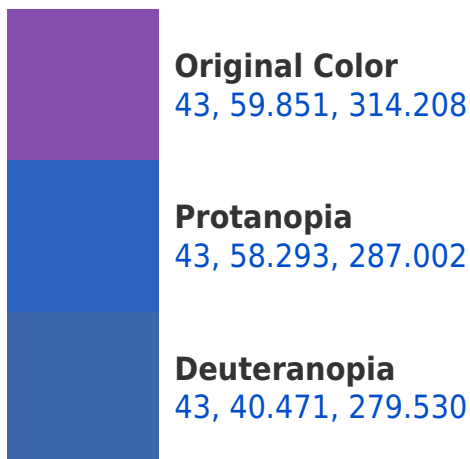


This preview shows how white text looks on a background with the CIELCh color 43, 59.851, 314.208.

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, 11.361, 359.380

Trichromacy



Original Color
43, 59.851, 314.208

Protanomaly
42, 58.187, 294.481

Deuteranomaly
42, 46.329, 294.022

Tritanomaly
42, 27.733, 323.158

Monochromacy



Original Color
43, 59.851, 314.208

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 22.496, 312.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 59.851, 314.208 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(132, 76, 173)` looks like.

```
.text, #text, p{  
    color:rgb(132, 76, 173)  
}
```

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(132, 76, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 76, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 59.851, 314.208 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(132, 76, 173) }
```

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

```
.border{ border-color:rgb(132, 76, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 76, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 76, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 76, 173); box-shadow:4px 4px 4px 4px rgb(132, 76, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 59.851, 314.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 76, 173) }
```

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

```
.background{ background-color: rgb(132, 76,  
173) }
```

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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