

Converting Colors

CIELCh(43, 53.195, 314.738)

Have a look what the booklet for
CIELCh(43, 53.195, 314.738)
contains.

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Color

CIELCh(43, 53.739, 314.893)

Conversions

Conversions Part 1

Format	Color
Hex	834FA5
RGB	131, 79, 165
RGB Percent	51%, 31%, 65%
CMY	0.4859, 0.6898, 0.3526
CMYK	0.21, 0.52, 0.00, 0.35
HSL	276°, 35%, 48%
HSV	276°, 52%, 65%
XYZ	18.9776, 13.1578, 37.1824
YIQ	104.3520, 3.3860, 37.7700

Conversions

Conversions Part 2

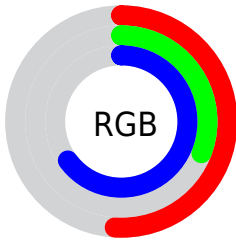
Format	Color
R_{YB}	131, 79, 165
Decimal	8605605
CIE _{Lab}	43.00, 37.93, -38.07
CIE _{LCh}	43, 53.739, 314.893
Yxy	13.1578, 0.2738, 0.1898
Android (android.graphics.Color)	4286795685 (0xFF834FA5)
YUV	104.3520, 29.8995, 23.3703
Hunter-Lab	36.2736, 29.9085, -35.3839

Details

The CIELCh color $43, 53.739, 314.893$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $63, 50.864, 130.246$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 53.424, 315.021$, and $23, 53.746, 314.826$ is the 20% darker color. If you saturate the color by 10%, you get $39, 63.570, 315.225$, and if you desaturate by 10%, it is $47, 43.414, 314.481$.

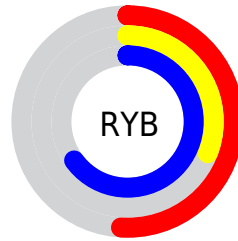
Distribution



Red (51%)

Green (31%)

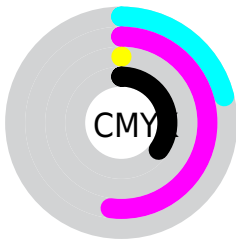
Blue (65%)



Red (51%)

Yellow (31%)

Blue (65%)

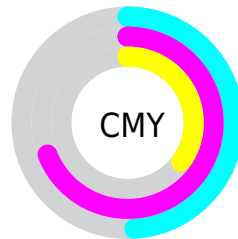


Cyan (21%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (49%)


Magenta (69%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.739, 314.893 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, 53.739, 314.893 by changing the saturation by 10% instead.


 43, 53.739,
314.893


 43, 53.739,
314.893


 100, 53.739,
314.893


 33, 53.739,
314.893

 63, 53.739,
314.893


 23, 53.739,
314.893

 73, 53.739,
314.893

 13, 53.739,
314.893

 83, 53.739,
314.893

 3, 53.739, 314.893

 93, 53.739,
314.893

 0, 53.739, 314.893

 43, 53.739,

 43, 53.739,

314.893

39, 63.570,
315.225

35, 72.453,
315.414

32, 79.815,
315.382

29, 85.082,
315.046

28, 88.073,
314.629

314.893

47, 43.414,
314.481

52, 32.918,
314.032

57, 22.457,
313.576


62, 12.156,
313.130

67, 2.084, 312.661

72, 7.721, 132.356

77, 17.247,
131.995

82, 26.490,
131.676

 86, 35.457,
131.391

Harmonies

Complementary

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



43, 53.739, 314.893



63, 50.864, 130.246

Rectangle

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



43, 53.739, 314.893



43, 53.739, 4.893



43, 53.739, 134.893



43, 53.739, 184.893

Sweetspot

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



43, 53.738, 314.893



76, 19.975, 313.315



47, 31.611, 275.207



39, 13.492, 313.402



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, 53.738, 314.893



50, 79.499, 315.277



47, 53.078, 330.241



32, 5.613, 313.006



24, 80.147, 314.744



1, 8.531, 310.743

Inverse Universe

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



45, 39.383, 356.090



54, 57.578, 358.617



61, 53.451, 142.864



32, 4.130, 350.476



30, 55.727, 11.024



1, 6.194, 352.059

Previews

White Background



This preview shows how the CIELCh color 43, 53.739, 314.893 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, 53.739, 314.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

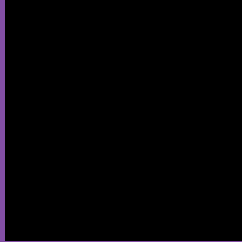
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.739, 314.893

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.739, 314.893.

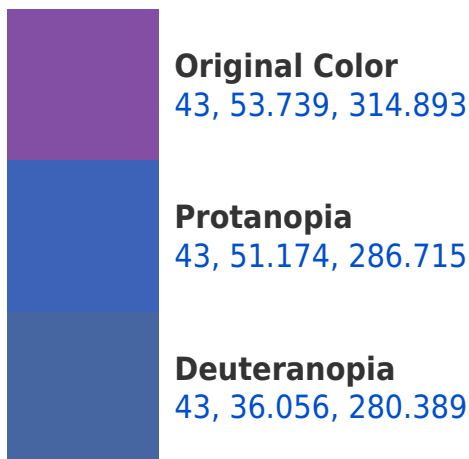


This preview shows how white text looks on a background with the CIELCh color 43, 53.739, 314.893.

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, 11.761, 0.228

Trichromacy



Original Color
43, 53.739, 314.893

Protanomaly
42, 51.056, 295.190

Deuteranomaly
43, 40.935, 294.937

Tritanomaly
43, 25.747, 325.937

Monochromacy



Original Color
43, 53.739, 314.893

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 20.122, 313.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.739, 314.893 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(131, 79, 165)` looks like.

```
.text, #text, p{  
    color:rgb(131, 79, 165)  
}
```

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(131, 79, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 79, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.739, 314.893 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(131, 79, 165) }
```

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

```
.border{ border-color:rgb(131, 79, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 79, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 79, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 79, 165);  
box-shadow:4px 4px 4px 4px rgb(131, 79,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.739, 314.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 79, 165) }
```

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

```
.background{ background-color: rgb(131, 79,  
165) }
```

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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