

Converting Colors

CIELCh(43, 64.549, 315.002)

Have a look what the booklet for
CIELCh(43, 64.549, 315.002)
contains.

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Color

CIELCh(43, 64.391, 315.002)

Conversions

Conversions Part 1

Format	Color
Hex	8849B2
RGB	136, 73, 178
RGB Percent	53%, 29%, 70%
CMY	0.4676, 0.7145, 0.3029
CMYK	0.24, 0.59, 0.00, 0.30
HSL	276°, 42%, 49%
HSV	276°, 59%, 70%
XYZ	20.4980, 13.1578, 43.4580
YIQ	103.8070, 3.8430, 46.0110

Conversions

Conversions Part 2

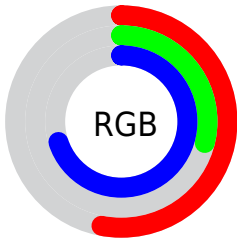
Format	Color
RYB	136, 73, 178
Decimal	8931762
CIELab	43.00, 45.53, -45.53
CIElCh	43, 64.391, 315.002
Yxy	13.1578, 0.2658, 0.1706
Android (android.graphics.Color)	4287121842 (0xFF8849B2)
YUV	103.8070, 36.5771, 28.2333
Hunter-Lab	36.2736, 37.3903, -45.6415

Details

The CIELCh color **43, 64.391, 315.002** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **66, 60.434, 129.817**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.544, 315.158**, and **23, 64.785, 314.886** is the 20% darker color. If you saturate the color by 10%, you get **39, 74.171, 315.242**, and if you desaturate by 10%, it is **48, 53.751, 314.637**.

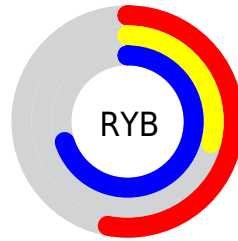
Distribution



Red (53%)

Green (29%)

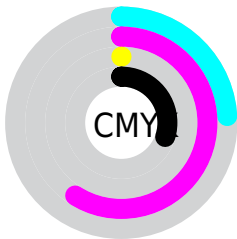
Blue (70%)



Red (53%)

Yellow (29%)

Blue (70%)

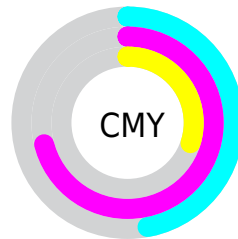


Cyan (24%)

Magenta (59%)

Yellow (0%)

Black (30%)



Cyan (47%)


Magenta (71%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 64.391, 315.002 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, 64.391, 315.002 by changing the saturation by 10% instead.


 43, 64.391,
315.002


 43, 64.391,
315.002


 100, 64.391,
315.002


 33, 64.391,
315.002

 63, 64.391,
315.002


 23, 64.391,
315.002

 73, 64.391,
315.002

 13, 64.391,
315.002

 83, 64.391,
315.002

 3, 64.391, 315.002

 93, 64.391,
315.002

 0, 64.391, 315.002

 43, 64.391,

 43, 64.391,

315.002

■ 39, 74.171,
315.242

■ 35, 82.505,
315.281

■ 32, 88.749,
315.033

■ 30, 92.793,
314.487

■ 30, 93.158,
314.438

315.002

■ 48, 53.751,
314.637

■ 52, 42.703,
314.205

■ 57, 31.550,
313.746

■ 63, 20.485,
313.287

■ 68, 9.620, 312.842

■ 73, 0.983, 132.586

■ 78, 11.295,
132.081

■ 83, 21.305,
131.732

■ 89, 31.015,
131.423

Harmonies

Complementary

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



43, 64.391, 315.002



66, 60.434, 129.817

Rectangle

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



43, 64.391, 315.002



43, 64.391, 5.002



43, 64.391, 135.002



43, 64.391, 185.002

Sweetspot

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



43, 64.390, 315.002



80, 24.014, 313.254



49, 37.246, 275.834



41, 16.875, 313.385



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 64.390, 315.002



49, 94.002, 315.281



48, 63.303, 330.054



35, 6.040, 312.854



25, 83.321, 314.567



2, 14.105, 308.662

Inverse Universe

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



46, 46.968, 357.200



55, 67.383, 0.484



65, 64.134, 141.517



35, 4.462, 350.193



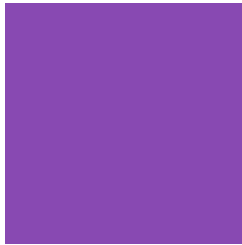
32, 57.839, 10.825



2, 10.088, 355.341

Previews

White Background



This preview shows how the CIELCh color 43, 64.391, 315.002 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, 64.391, 315.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

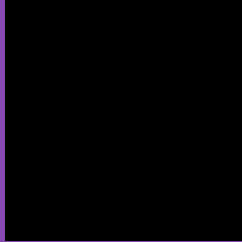
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 64.391, 315.002

Background



This preview shows how black text looks on a background with the CIELCh color 43, 64.391, 315.002.

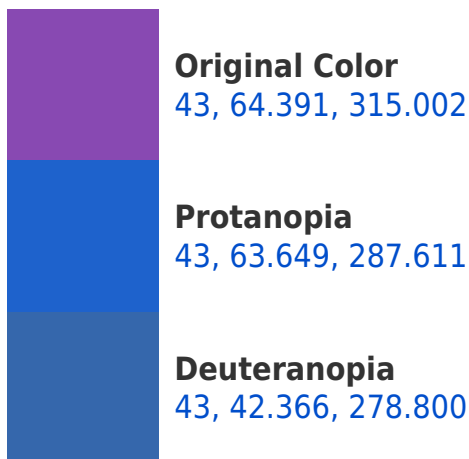


This preview shows how white text looks on a background with the CIELCh color 43, 64.391, 315.002.

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, 13.002, 2.504

Trichromacy



Original Color
43, 64.391, 315.002

Protanomaly
42, 63.074, 294.201

Deuteranomaly
42, 49.349, 294.010

Tritanomaly
43, 30.334, 325.502

Monochromacy



Original Color
43, 64.391, 315.002

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 24.556, 313.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 64.391, 315.002 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(136, 73, 178)` looks like.

```
.text, #text, p{  
    color:rgb(136, 73, 178)  
}
```

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(136, 73, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 73, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 64.391, 315.002 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(136, 73, 178) }
```

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

```
.border{ border-color:rgb(136, 73, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 73, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 73, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 73, 178); box-shadow:4px 4px 4px 4px rgb(136, 73, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 64.391, 315.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 73, 178) }
```

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

```
.background{ background-color: rgb(136, 73,  
178) }
```

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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