

Converting Colors

CIELCh(43, 57.186, 312.250)

Have a look what the booklet for
CIELCh(43, 57.186, 312.250)
contains.

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Color

CIELCh(43, 57.249, 312.263)

Conversions

Conversions Part 1

Format	Color
Hex	7F4FAC
RGB	127, 79, 172
RGB Percent	50%, 31%, 67%
CMY	0.5008, 0.6891, 0.3243
CMYK	0.26, 0.54, 0.00, 0.32
HSL	271°, 37%, 49%
HSV	271°, 54%, 68%
XYZ	19.0896, 13.1578, 40.7184
YIQ	103.9540, -1.2450, 39.0990

Conversions

Conversions Part 2

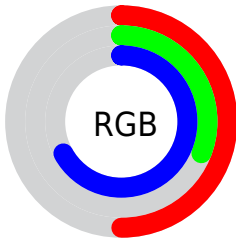
Format	Color
R_{YB}	127, 79, 172
Decimal	8343468
CIE _{Lab}	43.00, 38.50, -42.37
CIE _{LCh}	43, 57.249, 312.263
Yxy	13.1578, 0.2616, 0.1803
Android (android.graphics.Color)	4286533548 (0xFF7F4FAC)
YUV	103.9540, 33.5467, 20.2113
Hunter-Lab	36.2736, 30.4596, -41.1636

Details

The CIELCh color $43, 57.249, 312.263$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $65, 53.062, 127.211$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 57.143, 312.214$, and $23, 57.145, 312.145$ is the 20% darker color. If you saturate the color by 10%, you get $38, 67.552, 312.680$, and if you desaturate by 10%, it is $48, 46.500, 311.769$.

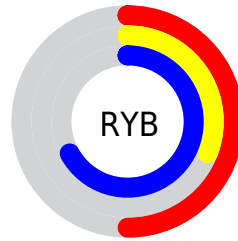
Distribution



Red (50%)

Green (31%)

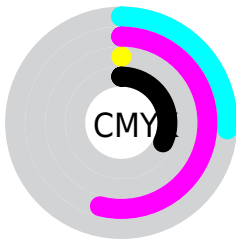
Blue (67%)



Red (50%)

Yellow (31%)

Blue (67%)

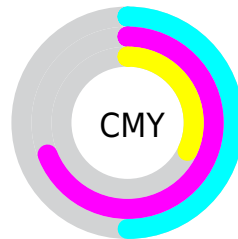


Cyan (26%)

Magenta (54%)

Yellow (0%)

Black (32%)



Cyan (50%)


Magenta (69%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 57.249, 312.263 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, 57.249, 312.263 by changing the saturation by 10% instead.


 43, 57.249,
312.263


 43, 57.249,
312.263


 100, 57.249,
312.263


 33, 57.249,
312.263

 63, 57.249,
312.263


 23, 57.249,
312.263

 73, 57.249,
312.263

 13, 57.249,
312.263

 83, 57.249,
312.263

 3, 57.249, 312.263

 93, 57.249,
312.263

 0, 57.249, 312.263

 43, 57.249,

 43, 57.249,

312.263

■ 38, 67.552,
312.680

■ 34, 76.909,
312.945

■ 31, 84.654,
312.960

■ 28, 90.101,
312.620

■ 27, 92.642,
312.331

312.263

■ 48, 46.500,
311.769

■ 53, 35.642,
311.250

■ 58, 24.878,
310.736

■ 63, 14.321,
310.246

■ 68, 4.032, 309.776

■ 74, 5.962, 129.412

■ 79, 15.654,
129.033

■ 84, 25.047,
128.703

■ 89, 34.151,
128.414

Harmonies

Complementary

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



43, 57.249, 312.263



65, 53.062, 127.211

Rectangle

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



43, 57.249, 312.263



43, 57.249, 2.263



43, 57.249, 132.263



43, 57.249, 182.263

Sweetspot

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



43, 57.248, 312.263



79, 20.367, 310.356



51, 29.619, 265.856



40, 13.769, 310.452



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, 57.248, 312.263



49, 84.871, 312.753



49, 60.571, 327.177



34, 5.788, 310.026



23, 83.747, 312.455



1, 11.863, 306.385

Inverse Universe

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



47, 43.773, 350.552



56, 63.204, 352.798



63, 60.991, 139.993



34, 4.593, 345.263



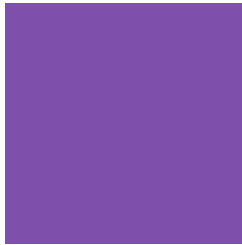
32, 57.104, 2.768



2, 9.054, 349.676

Previews

White Background



This preview shows how the CIELCh color 43, 57.249, 312.263 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, 57.249, 312.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

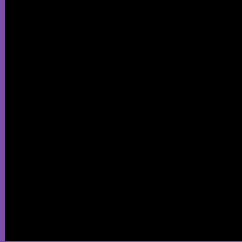
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 57.249, 312.263

Background



This preview shows how black text looks on a background with the CIELCh color 43, 57.249, 312.263.

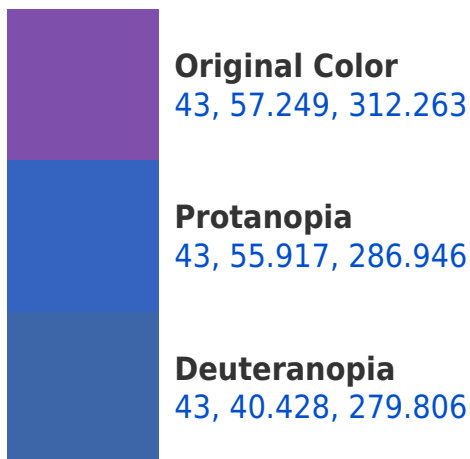



This preview shows how white text looks on a background with the CIELCh color 43, 57.249, 312.263.

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, 8.625, 351.475

Trichromacy



Original Color
43, 57.249, 312.263

Protanomaly
42, 55.782, 294.193

Deuteranomaly
42, 45.711, 292.853

Tritanomaly
43, 25.308, 318.105

Monochromacy



Original Color
43, 57.249, 312.263

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 21.559, 310.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 57.249, 312.263 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(127, 79, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 79, 172)  
}
```

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(127, 79, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 79, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 57.249, 312.263 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(127, 79, 172) }
```

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

```
.border{ border-color:rgb(127, 79, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 79, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 79, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 79, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 79,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 57.249, 312.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 79, 172) }
```

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

```
.background{ background-color: rgb(127, 79,  
172) }
```

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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