

Converting Colors

CIELCh(43, 29.436, 314.264)

Have a look what the booklet for
CIELCh(43, 29.436, 314.264)
contains.

CIELCh(43, 29.612, 314.204)	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, 29.612, 314.204)

Conversions

Conversions Part 1

Format	Color
Hex	775B89
RGB	119, 91, 137
RGB Percent	47%, 36%, 54%
CMY	0.5341, 0.6439, 0.4635
CMYK	0.13, 0.34, 0.00, 0.46
HSL	277°, 20%, 45%
HSV	277°, 34%, 54%
XYZ	15.8059, 13.1578, 25.2974
YIQ	104.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

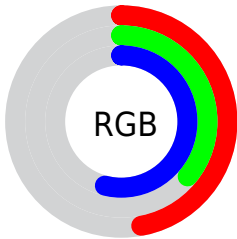
Format	Color
R_{YB}	119, 91, 137
Decimal	7822217
CIE _{Lab}	43.00, 20.65, -21.23
CIE _{LCh}	43, 29.612, 314.204
Yxy	13.1578, 0.2913, 0.2425
Android (android.graphics.Color)	4286012297 (0xFF775B89)
YUV	104.6160, 15.9653, 12.6148
Hunter-Lab	36.2736, 14.3009, -15.9575

Details

The CIELCh color $43, 29.612, 314.204$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 28.623, 131.275$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 30.183, 314.273$, and $23, 29.407, 314.312$ is the 20% darker color. If you saturate the color by 10%, you get $39, 38.607, 314.641$, and if you desaturate by 10%, it is $47, 20.626, 313.757$.

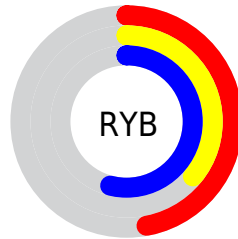
Distribution



Red (47%)

Green (36%)

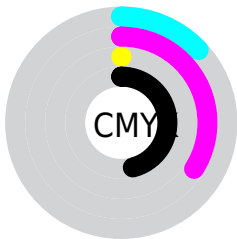
Blue (54%)



Red (47%)

Yellow (36%)

Blue (54%)

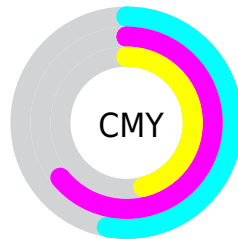


Cyan (13%)

Magenta (34%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (64%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 29.612, 314.204 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, 29.612, 314.204 by changing the saturation by 10% instead.

 43, 29.612,
314.204


 43, 29.612,
314.204


 100, 29.612,
314.204


 33, 29.612,
314.204

 63, 29.612,
314.204


 23, 29.612,
314.204

 73, 29.612,
314.204

 13, 29.612,
314.204

 83, 29.612,
314.204

 3, 29.612, 314.204

 93, 29.612,
314.204

 0, 29.612, 314.204

 43, 29.612,

 43, 29.612,

314.204

■ 39, 38.607,
314.641

■ 35, 47.437,
315.040

■ 32, 55.824,
315.356

■ 28, 63.382,
315.531

■ 26, 69.634,
315.490

■ 24, 74.121,
315.157

■ 22, 76.593,
314.912

314.204

■ 47, 20.626,
313.757

■ 51, 11.765,
313.317

■ 55, 3.090, 312.877

■ 60, 5.364, 132.552

■ 64, 13.583,
132.187

■ 68, 21.563,
131.865

■ 72, 29.310,
131.578

■ 77, 36.829,
131.322

■ 81, 44.132,
131.095

Harmonies

Complementary

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



43, 29.612, 314.204



54, 28.623, 131.275

Rectangle

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



43, 29.612, 314.204



43, 29.612, 4.204



43, 29.612, 134.204



43, 29.612, 184.204

Sweetspot

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



43, 29.611, 314.204



68, 10.695, 313.171



46, 17.397, 270.693



34, 7.279, 313.223



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 29.611, 314.204



52, 43.960, 314.525



45, 30.176, 329.164



27, 4.877, 313.125



22, 74.866, 314.943



0, 2.240, 312.768

Inverse Universe

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



44, 21.814, 353.402



54, 32.346, 354.400



53, 30.158, 144.872



27, 3.576, 350.697



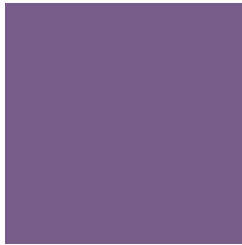
27, 52.122, 10.912



0, 1.637, 349.945

Previews

White Background



This preview shows how the CIELCh color 43, 29.612, 314.204 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, 29.612, 314.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

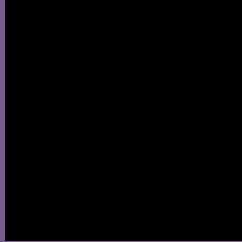
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 29.612, 314.204

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.612, 314.204.



This preview shows how white text looks on a background with the CIELCh color 43, 29.612, 314.204.

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, 29.612, 314.204

Protanopia

43, 26.613, 285.296

Deuteranopia

43, 21.133, 286.483



Tritanopia
43, 8.564, 346.480

Trichromacy



Original Color
43, 29.612, 314.204

Protanomaly
43, 26.549, 295.392

Deuteranomaly
43, 23.626, 297.822

Tritanomaly
43, 15.713, 324.139

Monochromacy



Original Color
43, 29.612, 314.204

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 11.021, 312.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.612, 314.204 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(119, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(119, 91, 137)  
}
```

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(119, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 91, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.612, 314.204 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(119, 91, 137) }
```

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

```
.border{ border-color:rgb(119, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(119, 91,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.612, 314.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 91, 137) }
```

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

```
.background{ background-color: rgb(119, 91,  
137) }
```

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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