

Converting Colors

CIELCh(43, 41.974, 299.637)

Have a look what the booklet for
CIELCh(43, 41.974, 299.637)
contains.

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Color

CIELCh(43, 41.625, 299.236)

Conversions

Conversions Part 1

Format	Color
Hex	655DA2
RGB	101, 93, 162
RGB Percent	40%, 36%, 64%
CMY	0.6046, 0.6359, 0.3654
CMYK	0.38, 0.43, 0.00, 0.37
HSL	247°, 27%, 50%
HSV	247°, 43%, 63%
XYZ	15.7515, 13.1578, 35.8054
YIQ	103.2580, -17.3810, 23.1550

Conversions

Conversions Part 2

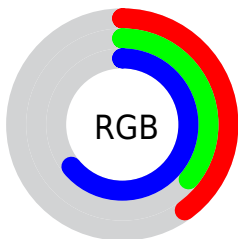
Format	Color
R_{YB}	101, 93, 162
Decimal	6643106
CIE _{Lab}	43.00, 20.33, -36.32
CIE _{LCh}	43, 41.625, 299.236
Yxy	13.1578, 0.2434, 0.2033
Android (android.graphics.Color)	4284833186 (0xFF655DA2)
YUV	103.2580, 28.9598, -1.9803
Hunter-Lab	36.2736, 14.0331, -33.1331

Details

The CIELCh color $43, 41.625, 299.236$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 37.435, 111.438$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 41.690, 299.252$, and $23, 41.745, 299.075$ is the 20% darker color. If you saturate the color by 10%, you get $38, 52.338, 300.702$, and if you desaturate by 10%, it is $49, 31.239, 297.925$.

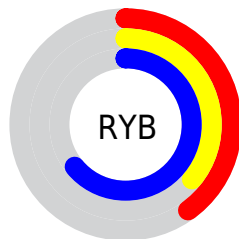
Distribution



Red (40%)

Green (36%)

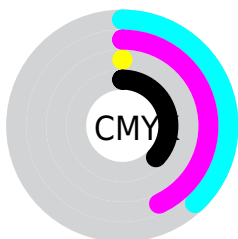
Blue (64%)



Red (40%)

Yellow (36%)

Blue (64%)

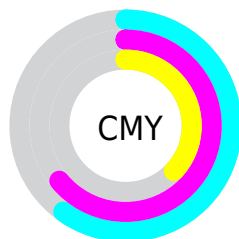


Cyan (38%)

Magenta (43%)

Yellow (0%)

Black (37%)



Cyan (60%)


Magenta (64%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 41.625, 299.236 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, 41.625, 299.236 by changing the saturation by 10% instead.


 43, 41.625,
299.236


 43, 41.625,
299.236


 100, 41.625,
299.236


 33, 41.625,
299.236

 63, 41.625,
299.236


 23, 41.625,
299.236

 73, 41.625,
299.236

 13, 41.625,
299.236

 83, 41.625,
299.236

 3, 41.625, 299.236

 93, 41.625,
299.236

 0, 41.625, 299.236

 43, 41.625,

 43, 41.625,

299.236

■ 38, 52.338,
300.702

■ 32, 63.210,
302.279

■ 28, 73.827,
303.860

■ 24, 83.371,
305.257

■ 21, 90.596,
306.214

■ 19, 94.540,
306.738

299.236

■ 49, 31.239,
297.925

■ 54, 21.238,
296.777

■ 60, 11.624,
295.785


■ 65, 2.380, 294.936

■ 71, 6.516, 114.193

■ 76, 15.087,
113.566

■ 81, 23.356,
113.025

■ 87, 31.342,
112.561

 92, 39.065,
112.160

Harmonies

Complementary

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



43, 41.625, 299.236



64, 37.435, 111.438

Rectangle

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



43, 41.625, 299.236



43, 41.625, 349.236



43, 41.625, 119.236



43, 41.625, 169.236

Sweetspot

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



43, 41.624, 299.236



75, 14.760, 295.841



60, 20.671, 208.622



38, 10.349, 296.038



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 41.624, 299.236



49, 62.416, 300.597



46, 43.229, 314.352



32, 5.210, 295.484



16, 87.330, 306.781



1, 7.975, 294.298

Inverse Universe

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



49, 43.033, 330.235



59, 62.354, 330.773



62, 41.308, 130.528



32, 5.788, 328.260



33, 69.542, 333.343



1, 8.753, 328.795

Previews

White Background



This preview shows how the CIELCh color 43, 41.625, 299.236 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, 41.625, 299.236 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, 41.625, 299.236

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.625, 299.236.

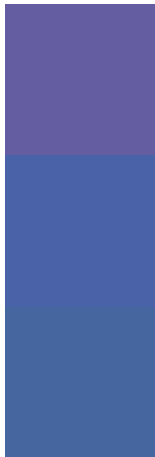


This preview shows how white text looks on a background with the CIELCh color 43, 41.625, 299.236.

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

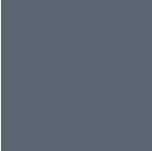
43, 41.625, 299.236

Protanopia

43, 41.649, 286.228

Deuteranopia

43, 35.494, 280.002



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 41.625, 299.236

Protanomaly
43, 41.462, 290.585

Deuteranomaly
43, 37.379, 287.081

Tritanomaly
43, 18.171, 284.806

Monochromacy



Original Color
43, 41.625, 299.236

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 15.135, 296.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.625, 299.236 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(101, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(101, 93, 162)  
}
```

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(101, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 93, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.625, 299.236 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(101, 93, 162) }
```

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

```
.border{ border-color:rgb(101, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(101, 93,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.625, 299.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 93, 162) }
```

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

```
.background{ background-color: rgb(101, 93,  
162) }
```

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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