

Converting Colors

CIELCh(43, 25.601, 272.567)

Have a look what the booklet for
CIELCh(43, 25.601, 272.567)
contains.

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Color

CIELCh(43, 25.849, 272.850)

Conversions

Conversions Part 1

Format	Color
Hex	4A6790
RGB	74, 103, 144
RGB Percent	29%, 40%, 56%
CMY	0.7100, 0.5962, 0.4355
CMYK	0.49, 0.28, 0.00, 0.44
HSL	215°, 32%, 43%
HSV	215°, 49%, 56%
XYZ	12.6966, 13.1578, 28.2372
YIQ	99.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

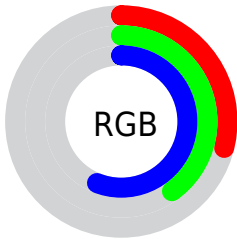
Format	Color
RYB	74, 95, 144
Decimal	4876176
CIELab	43.00, 1.29, -25.82
CIELCh	43, 25.849, 272.850
Yxy	13.1578, 0.2347, 0.2432
Android (android.graphics.Color)	4283066256 (0xFF4A6790)
YUV	99.0030, 22.1835, -21.9276
Hunter-Lab	36.2736, -0.9996, -20.7627

Details

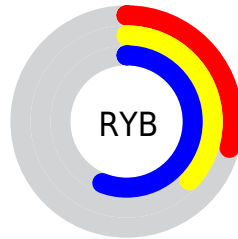
The CIELCh color **43, 25.849, 272.850** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **50, 27.551, 77.781**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 25.825, 272.466**, and **23, 25.882, 273.005** is the 20% darker color. If you saturate the color by 10%, you get **40, 31.223, 275.613**, and if you desaturate by 10%, it is **46, 20.502, 270.473**.

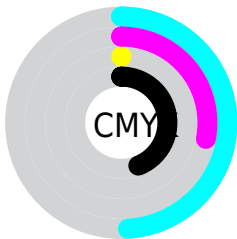
Distribution



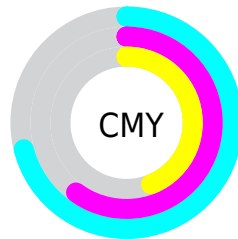
- Red (29%)
- Green (40%)
- Blue (56%)



- Red (29%)
- Yellow (37%)
- Blue (56%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)





- Cyan (71%)
- Magenta (60%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.849, 272.850 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, 25.849, 272.850 by changing the saturation by 10% instead.


 43, 25.849,
272.850


 43, 25.849,
272.850


 100, 25.849,
272.850


 33, 25.849,
272.850

 63, 25.849,
272.850


 23, 25.849,
272.850

 73, 25.849,
272.850

 13, 25.849,
272.850

 83, 25.849,
272.850

 3, 25.849, 272.850

 93, 25.849,
272.850

 0, 25.849, 272.850

 43, 25.849,

 43, 25.849,

272.850

272.850

■ 40, 31.223,
275.613

■ 46, 20.502,
270.473

■ 36, 36.652,
278.780

■ 50, 15.172,
268.441

■ 33, 42.176,
282.330

■ 53, 9.855, 266.712

■ 30, 47.832,
286.175

■ 57, 4.557, 265.254

■ 60, 0.717, 83.597

■ 28, 53.646,
290.039

■ 64, 5.956, 82.784

■ 27, 54.461,
290.525

■ 67, 11.155, 81.844

■ 71, 16.304, 81.013

■ 74, 21.399, 80.278

Harmonies

Complementary

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



43, 25.849, 272.850



50, 27.551, 77.781

Rectangle

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



43, 25.849, 272.850



43, 25.849, 322.850



43, 25.849, 92.850



43, 25.849, 142.850

Sweetspot

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



43, 25.848, 272.850



69, 9.783, 266.199



55, 30.608, 163.352



36, 6.730, 266.488



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 25.848, 272.850



51, 38.102, 275.782



35, 43.595, 299.137



28, 2.963, 265.327



26, 51.701, 290.271



1, 1.999, 264.098

Inverse Universe

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



41, 33.242, 354.095



49, 48.215, 356.008



58, 38.433, 109.558



28, 3.738, 349.285



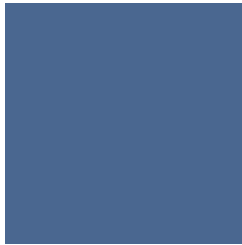
28, 52.719, 8.840



1, 2.491, 348.538

Previews

White Background



This preview shows how the CIELCh color 43, 25.849, 272.850 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, 25.849, 272.850 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

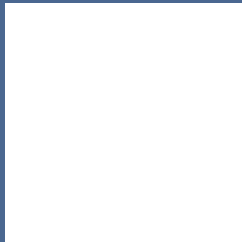
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 25.849, 272.850

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.849, 272.850.

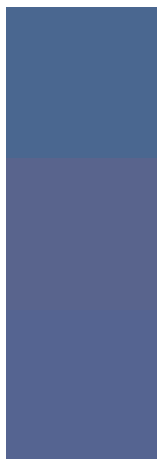


This preview shows how white text looks on a background with the CIELCh color 43, 25.849, 272.850.

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, 25.849, 272.850

Protanopia

43, 24.814, 285.054

Deuteranopia

43, 27.320, 283.657



Tritanopia
43, 15.686, 218.213

Trichromacy



Original Color
43, 25.849, 272.850

Protanomaly
43, 25.062, 280.693

Deuteranomaly
43, 26.957, 280.062

Tritanomaly
43, 17.502, 245.043

Monochromacy



Original Color
43, 25.849, 272.850

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 9.725, 268.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.849, 272.850 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(74, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(74, 103, 144)  
}
```

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(74, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 103, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.849, 272.850 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(74, 103, 144) }
```

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

```
.border{ border-color:rgb(74, 103, 144) }
```

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

Here you see how a box with a 4 pixel rgb(74, 103, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(74, 103,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.849, 272.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 103, 144) }
```

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

```
.background{ background-color: rgb(74, 103,  
144) }
```

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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