

Converting Colors

CIELCh(43, 25.611, 276.875)

Have a look what the booklet for
CIELCh(43, 25.611, 276.875)
contains.

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Color

CIELCh(43, 25.414, 276.617)

Conversions

Conversions Part 1

Format	Color
Hex	4F668F
RGB	79, 102, 143
RGB Percent	31%, 40%, 56%
CMY	0.6900, 0.5999, 0.4391
CMYK	0.45, 0.29, 0.00, 0.44
HSL	218°, 29%, 44%
HSV	218°, 45%, 56%
XYZ	12.9431, 13.1578, 27.8587
YIQ	99.7970, -26.8690, 7.8750

Conversions

Conversions Part 2

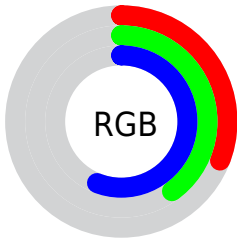
Format	Color
R _Y B	79, 96, 143
Decimal	5203599
CIE Lab	43.00, 2.93, -25.24
CIE LCh	43, 25.414, 276.617
Yxy	13.1578, 0.2399, 0.2438
Android (android.graphics.Color)	4283393679 (0xFF4F668F)
YUV	99.7970, 21.2991, -18.2390
Hunter-Lab	36.2736, 0.2132, -20.1442

Details

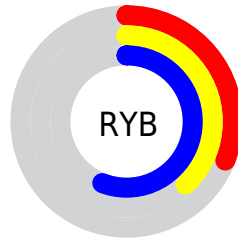
The CIELCh color **43, 25.414, 276.617** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **52, 25.987, 83.231**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 25.354, 276.424**, and **23, 25.456, 276.846** is the 20% darker color. If you saturate the color by 10%, you get **39, 31.305, 279.144**, and if you desaturate by 10%, it is **47, 19.611, 274.439**.

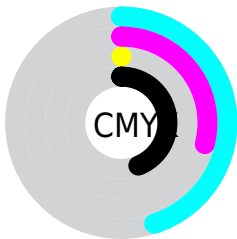
Distribution



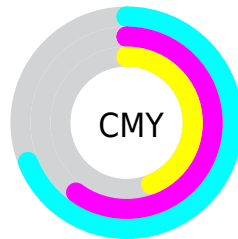
- Red (31%)
- Green (40%)
- Blue (56%)



- Red (31%)
- Yellow (38%)
- Blue (56%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 25.414, 276.617 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, 25.414, 276.617 by changing the saturation by 10% instead.

■ 43, 25.414,
276.617

■ 43, 25.414,
276.617

■ 100, 25.414,
276.617

■ 33, 25.414,
276.617

■ 63, 25.414,
276.617

■ 23, 25.414,
276.617

■ 73, 25.414,
276.617

■ 13, 25.414,
276.617

■ 83, 25.414,
276.617

■ 3, 25.414, 276.617

■ 93, 25.414,
276.617

■ 0, 25.414, 276.617

■ 43, 25.414,

■ 43, 25.414,

276.617

276.617

■ 39, 31.305,
279.144

■ 47, 19.611,
274.439

■ 36, 37.310,
282.040

■ 50, 13.884,
272.572

■ 33, 43.457,
285.293

■ 54, 8.225, 270.978

■ 29, 49.767,
288.831

■ 58, 2.634, 269.651

■ 61, 2.888, 88.313

■ 26, 56.212,
292.500

■ 65, 8.337, 87.325

■ 25, 59.644,
294.275

■ 69, 13.711, 86.430

■ 72, 19.006, 85.639

■ 76, 24.222, 84.938

Harmonies

Complementary

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



43, 25.414, 276.617



52, 25.987, 83.231

Rectangle

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



43, 25.414, 276.617



43, 25.414, 326.617



43, 25.414, 96.617



43, 25.414, 146.617

Sweetspot

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



43, 25.413, 276.617



70, 8.985, 270.765



55, 27.085, 166.925



36, 6.344, 271.060



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, 25.413, 276.617



51, 38.296, 279.252



37, 39.637, 299.980



28, 3.137, 270.201



23, 56.917, 294.066



1, 2.109, 268.994

Inverse Universe

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



42, 29.809, 357.202



50, 44.360, 359.095



57, 35.504, 112.107



28, 3.618, 352.749



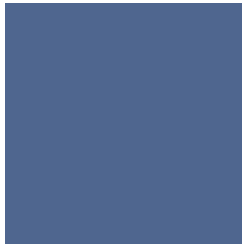
28, 53.194, 14.037



1, 2.407, 351.979

Previews

White Background



This preview shows how the CIELCh color 43, 25.414, 276.617 looks on a white background.

Color Contrast Check

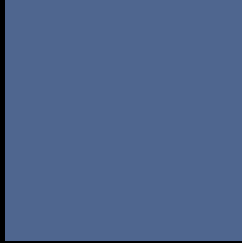
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.414, 276.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

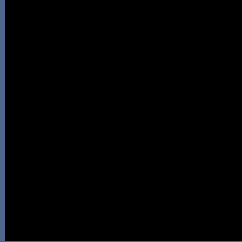
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

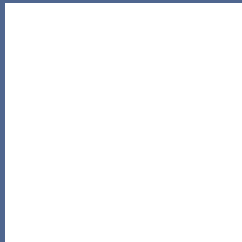
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 25.414, 276.617

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.414, 276.617.

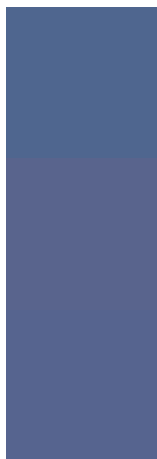


This preview shows how white text looks on a background with the CIELCh color 43, 25.414, 276.617.

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, 25.414, 276.617

Protanopia

43, 24.814, 285.054

Deuteranopia

43, 26.110, 283.608



Tritanopia
43, 13.759, 221.437

Trichromacy



Original Color
43, 25.414, 276.617

Protanomaly
43, 25.007, 281.392

Deuteranomaly
43, 25.695, 280.456

Tritanomaly
43, 16.172, 250.479

Monochromacy



Original Color
43, 25.414, 276.617

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 9.581, 270.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.414, 276.617 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(79, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(79, 102, 143)  
}
```

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(79, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 102, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.414, 276.617 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(79, 102, 143) }
```

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

```
.border{ border-color:rgb(79, 102, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 102, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(79, 102,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.414, 276.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 102, 143) }
```

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

```
.background{ background-color: rgb(79, 102,  
143) }
```

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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