

Converting Colors

CIELCh(43, 15.135, 274.575)

Have a look what the booklet for
CIELCh(43, 15.135, 274.575)
contains.

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Color

CIELCh(43, 15.033, 273.986)

Conversions

Conversions Part 1

Format	Color
Hex	59667E
RGB	89, 102, 126
RGB Percent	35%, 40%, 49%
CMY	0.6506, 0.5996, 0.5055
CMYK	0.29, 0.19, 0.00, 0.51
HSL	219°, 17%, 42%
HSV	219°, 29%, 49%
XYZ	12.6609, 13.1578, 21.6429
YIQ	100.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

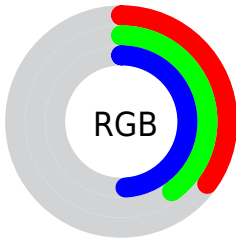
Format	Color
R_{YB}	89, 99, 126
Decimal	5858942
CIE _{Lab}	43.00, 1.04, -15.00
CIE _{LCh}	43, 15.033, 273.986
Yxy	13.1578, 0.2668, 0.2772
Android (android.graphics.Color)	4284049022 (0xFF59667E)
YUV	100.8490, 12.3994, -10.3916
Hunter-Lab	36.2736, -1.1757, -9.9842

Details

The CIELCh color **43, 15.033, 273.986** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 15.225, 86.017**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 15.109, 274.236**, and **23, 15.234, 275.043** is the 20% darker color. If you saturate the color by 10%, you get **40, 20.287, 275.944**, and if you desaturate by 10%, it is **46, 9.847, 272.303**.

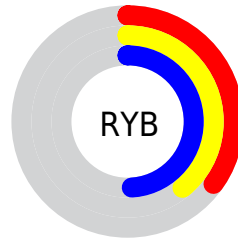
Distribution



Red (35%)

Green (40%)

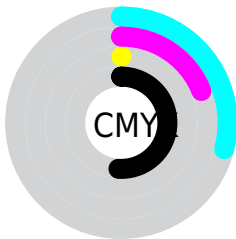
Blue (49%)



Red (35%)

Yellow (39%)

Blue (49%)

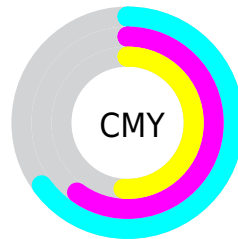


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (65%)


Magenta (60%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.033, 273.986 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, 15.033, 273.986 by changing the saturation by 10% instead.


 43, 15.033,
273.986


 43, 15.033,
273.986


 100, 15.033,
273.986


 33, 15.033,
273.986

 63, 15.033,
273.986


 23, 15.033,
273.986

 73, 15.033,
273.986

 13, 15.033,
273.986

 83, 15.033,
273.986

 3, 15.033, 273.986

 93, 15.033,
273.986

 0, 15.033, 273.986

 43, 15.033,

 43, 15.033,

273.986

273.986

■ 40, 20.287,
275.944

■ 46, 9.847, 272.303

■ 36, 25.621,
278.222

■ 50, 4.729, 270.872

■ 53, 0.323, 89.020

■ 33, 31.051,
280.849

■ 56, 5.307, 88.458

■ 30, 36.600,
283.831

■ 60, 10.220, 87.525

■ 63, 15.061, 86.697

■ 27, 42.292,
287.138

■ 66, 19.827, 85.963

■ 24, 48.127,
290.672

■ 70, 24.519, 85.309

■ 73, 29.135, 84.723

■ 22, 54.073,
294.092

■ 21, 54.466,
294.294

Harmonies

Complementary

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



43, 15.033, 273.986



48, 15.225, 86.017

Rectangle

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



43, 15.033, 273.986



43, 15.033, 323.986



43, 15.033, 93.986



43, 15.033, 143.986

Sweetspot

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



43, 15.032, 273.984



63, 5.624, 270.854



50, 16.451, 168.765



32, 3.891, 271.015



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 15.032, 273.984



53, 22.234, 275.218



40, 22.749, 298.045



25, 2.878, 270.841



22, 54.968, 294.338



0, 0.000, 0.000

Inverse Universe

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



42, 17.412, 355.481



51, 25.798, 356.333



52, 21.308, 113.243



25, 3.276, 353.254



26, 51.057, 14.446



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 15.033, 273.986 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, 15.033, 273.986 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

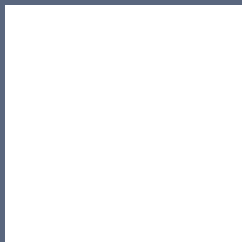
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 15.033, 273.986

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.033, 273.986.



This preview shows how white text looks on a background with the CIELCh color 43, 15.033, 273.986.

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

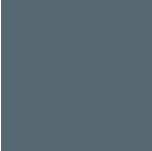
43, 15.033, 273.986

Protanopia

43, 15.097, 286.709

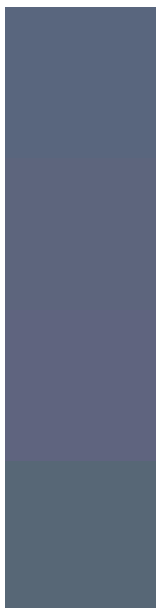
Deuteranopia

43, 16.878, 291.344



Tritanopia
43, 8.591, 238.085

Trichromacy



Original Color
43, 15.033, 273.986

Protanomaly
43, 14.659, 280.673

Deuteranomaly
43, 16.319, 286.067

Tritanomaly
43, 10.654, 257.370

Monochromacy



Original Color
43, 15.033, 273.986

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.617, 274.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.033, 273.986 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(89, 102, 126)` looks like.

```
.text, #text, p{  
    color:rgb(89, 102, 126)  
}
```

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(89, 102, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 102, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.033, 273.986 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(89, 102, 126) }
```

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

```
.border{ border-color:rgb(89, 102, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 102, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 102, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 102, 126);  
box-shadow:4px 4px 4px 4px rgb(89, 102,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.033, 273.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 102, 126) }
```

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

```
.background{ background-color: rgb(89, 102,  
126) }
```

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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