

Converting Colors

CIELCh(43, 4.574, 298.443)

Have a look what the booklet for
CIELCh(43, 4.574, 298.443) contains.

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Color

CIELCh(43, 4.241, 296.254)

Conversions

Conversions Part 1

Format	Color
Hex	66656C
RGB	102, 101, 108
RGB Percent	40%, 40%, 42%
CMY	0.6008, 0.6047, 0.5773
CMYK	0.06, 0.06, 0.00, 0.58
HSL	249°, 3%, 41%
HSV	249°, 6%, 42%
XYZ	12.7849, 13.1578, 15.9944
YIQ	102.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

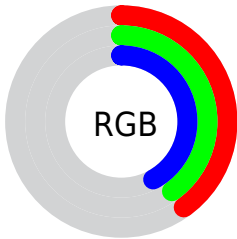
Format	Color
R _Y B	102, 101, 108
Decimal	6710636
CIE Lab	43.00, 1.88, -3.80
CIE LCh	43, 4.241, 296.254
Yxy	13.1578, 0.3049, 0.3138
Android (android.graphics.Color)	4284900716 (0xFF66656C)
YUV	102.0970, 2.9102, -0.0851
Hunter-Lab	36.2736, -0.5654, -0.7517

Details

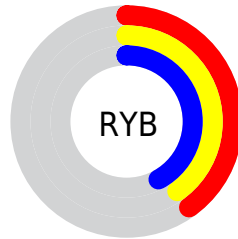
The CIELCh color **43, 4.241, 296.254** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 4.175, 115.314**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.944, 296.111**, and **23, 4.707, 296.573** is the 20% darker color. If you saturate the color by 10%, you get **39, 10.966, 297.067**, and if you desaturate by 10%, it is **47, 2.242, 115.530**.

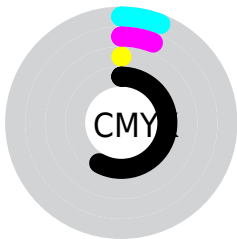
Distribution



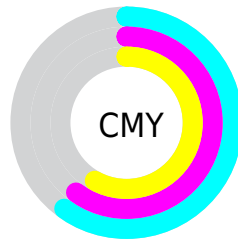
- Red (40%)
- Green (40%)
- Blue (42%)



- Red (40%)
- Yellow (40%)
- Blue (42%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.241, 296.254 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, 4.241, 296.254 by changing the saturation by 10% instead.

■ 43, 4.241, 296.254

■ 43, 4.241, 296.254

■ 100, 4.241,
296.254

■ 33, 4.241, 296.254

■ 63, 4.241, 296.254

■ 23, 4.241, 296.254

■ 73, 4.241, 296.254

■ 13, 4.241, 296.254

■ 83, 4.241, 296.254

■ 3, 4.241, 296.254

■ 93, 4.241, 296.254

■ 0, 4.241, 296.254

■ 43, 4.241, 296.254

■ 43, 4.241, 296.254

■ 39, 10.966,
297.067

■ 47, 2.242, 115.530

■ 35, 17.948,

■ 51, 8.495, 114.918

298.012

55, 14.533,
114.386

31, 25.192,
299.092

58, 20.370,
113.926

27, 32.688,
300.309

62, 26.019,
113.528

23, 40.381,
301.648

66, 31.492,
113.182

20, 48.132,
303.063

70, 36.800,
112.882

16, 55.639,
304.455

73, 41.953,
112.622

14, 62.339,
305.657

77, 46.961,
112.395

11, 67.942,
306.654

Harmonies

Complementary

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



43, 4.241, 296.254



45, 4.175, 115.314

Rectangle

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



43, 4.241, 296.254



43, 4.241, 346.254



43, 4.241, 116.254



43, 4.241, 166.254

Sweetspot

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



43, 4.240, 296.246



57, 1.614, 295.921



45, 2.497, 212.169



30, 0.925, 295.910



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 4.240, 296.246



54, 6.505, 296.380



43, 4.601, 313.815



20, 3.667, 296.437



12, 74.473, 307.068



32, 128.771, 306.754

Inverse Universe

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



44, 4.631, 328.925



55, 7.092, 329.031



45, 4.565, 133.355



21, 3.994, 329.075



26, 58.490, 334.563



56, 100.023, 334.998

Previews

White Background



This preview shows how the CIELCh color 43, 4.241, 296.254 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, 4.241, 296.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

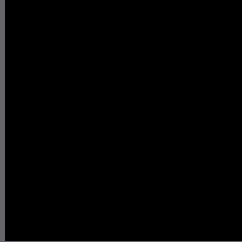
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

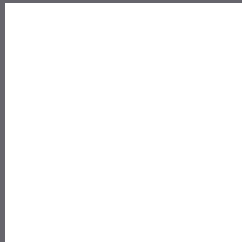
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 4.241, 296.254

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.241, 296.254.



This preview shows how white text looks on a background with the CIELCh color 43, 4.241, 296.254.

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, 4.241, 296.254

Protanopia

43, 4.216, 290.799

Deuteranopia

43, 6.579, 324.847



Tritanopia
43, 4.840, 295.644

Trichromacy



Original Color

43, 4.241, 296.254

Protanomaly

43, 4.216, 290.799

Deuteranomaly

43, 5.427, 317.568

Tritanomaly

43, 4.840, 295.644

Monochromacy



Original Color

43, 4.241, 296.254

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.207, 290.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.241, 296.254 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(102, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(102, 101, 108)  
}
```

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(102, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 101, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.241, 296.254 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(102, 101, 108) }
```

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

```
.border{ border-color:rgb(102, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(102, 101,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.241, 296.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 101, 108) }
```

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

```
.background{ background-color: rgb(102,  
101, 108) }
```

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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