

Converting Colors

CIELCh(43, 6.909, 171.390)

Have a look what the booklet for
CIELCh(43, 6.909, 171.390) contains.

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Color

CIELCh(43, 6.833, 172.484)

Conversions

Conversions Part 1

Format	Color
Hex	5A6964
RGB	90, 105, 100
RGB Percent	35%, 41%, 39%
CMY	0.6476, 0.5888, 0.6084
CMYK	0.14, 0.00, 0.05, 0.59
HSL	160°, 8%, 38%
HSV	160°, 14%, 41%
XYZ	11.5330, 13.1578, 13.9522
YIQ	99.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

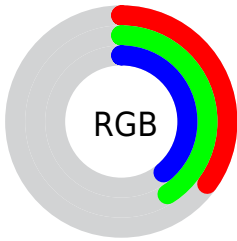
Format	Color
RYB	90, 99, 105
Decimal	5925220
CIELab	43.00, -6.77, 0.89
CIELCh	43, 6.833, 172.484
Yxy	13.1578, 0.2985, 0.3405
Android (android.graphics.Color)	4284115300 (0xFF5A6964)
YUV	99.9450, 0.0271, -8.7218
Hunter-Lab	36.2736, -6.7256, 2.5863

Details

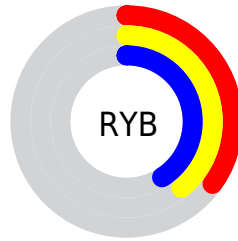
The CIELCh color **43, 6.833, 172.484** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 7.071, 354.947**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 6.715, 174.233**, and **23, 7.121, 170.177** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.508, 171.508**, and if you desaturate by 10%, it is **44, 2.065, 173.464**.

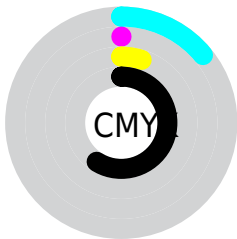
Distribution



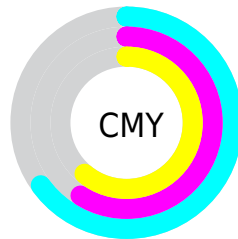
- Red (35%)
- Green (41%)
- Blue (39%)



- Red (35%)
- Yellow (39%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.833, 172.484 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, 6.833, 172.484 by changing the saturation by 10% instead.

■ 43, 6.833, 172.484

■ 43, 6.833, 172.484

■ 100, 6.833,
172.484

■ 33, 6.833, 172.484

■ 63, 6.833, 172.484

■ 23, 6.833, 172.484

■ 73, 6.833, 172.484

■ 13, 6.833, 172.484

■ 83, 6.833, 172.484

■ 3, 6.833, 172.484

■ 93, 6.833, 172.484

■ 0, 6.833, 172.484

■ 43, 6.833, 172.484

■ 43, 6.833, 172.484

■ 42, 11.508,
171.508

■ 44, 2.065, 173.464

■ 41, 16.024,

■ 45, 2.746, 354.046

170.466

46, 7.555, 354.895

41, 20.313,
169.331

47, 12.327,
355.649

40, 24.303,
168.081

48, 17.037,
356.359

40, 27.927,
166.697

50, 21.665,
357.034

39, 31.131,
165.157

51, 26.199,
357.679

39, 33.882,
163.443

53, 30.633,
358.296

39, 36.218,
161.579

54, 34.961,
358.889

39, 37.517,
160.579

Harmonies

Complementary

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



43, 6.833, 172.484



40, 7.071, 354.947

Rectangle

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



43, 6.833, 172.484



43, 6.833, 222.484



43, 6.833, 352.484



43, 6.833, 42.484

Sweetspot

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



43, 6.834, 172.479



56, 2.364, 173.487



43, 9.910, 133.560



29, 1.693, 173.417



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 6.834, 172.479



54, 9.981, 172.178



42, 5.212, 214.010



22, 2.740, 172.983



43, 40.829, 160.274



86, 71.918, 158.877

Inverse Universe

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



40, 7.071, 354.947



50, 10.406, 355.274



40, 5.693, 33.878



21, 2.801, 354.413



24, 48.257, 15.582



52, 84.192, 19.131

Previews

White Background



This preview shows how the CIELCh color 43, 6.833, 172.484 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, 6.833, 172.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

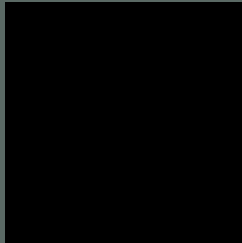
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 6.833, 172.484

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.833, 172.484.



This preview shows how white text looks on a background with the CIELCh color 43, 6.833, 172.484.

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

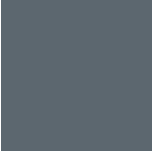
43, 6.833, 172.484

Protanopia

43, 2.186, 74.660

Deuteranopia

43, 5.761, 1.943



Tritanopia
43, 6.359, 248.482

Trichromacy



Original Color
43, 6.833, 172.484

Protanomaly
43, 2.199, 144.360

Deuteranomaly
43, 1.392, 353.734

Tritanomaly
43, 5.402, 218.463

Monochromacy



Original Color
43, 6.833, 172.484

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 2.758, 173.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.833, 172.484 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(90, 105, 100)` looks like.

```
.text, #text, p{  
    color:rgb(90, 105, 100)  
}
```

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(90, 105, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 105, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.833, 172.484 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(90, 105, 100) }
```

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

```
.border{ border-color:rgb(90, 105, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 105, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 105, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 105, 100);  
box-shadow:4px 4px 4px 4px rgb(90, 105,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.833, 172.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 105, 100) }
```

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

```
.background{ background-color: rgb(90, 105,  
100) }
```

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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