

Converting Colors

CIELCh(43, 13.926, 168.632)

Have a look what the booklet for
CIELCh(43, 13.926, 168.632)
contains.

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Color

CIELCh(43, 13.745, 168.980)

Conversions

Conversions Part 1

Format	Color
Hex	4E6C61
RGB	78, 108, 97
RGB Percent	31%, 42%, 38%
CMY	0.6948, 0.5772, 0.6203
CMYK	0.28, 0.00, 0.10, 0.58
HSL	158°, 16%, 36%
HSV	158°, 28%, 42%
XYZ	10.6194, 13.1578, 13.2449
YIQ	97.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

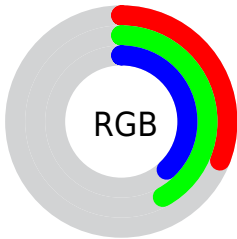
Format	Color
R_{YB}	78, 96, 108
Decimal	5139553
CIE _{Lab}	43.00, -13.49, 2.63
CIE _{LCh}	43, 13.745, 168.980
Yxy	13.1578, 0.2868, 0.3554
Android (android.graphics.Color)	4283329633 (0xFF4E6C61)
YUV	97.7760, -0.3826, -17.3436
Hunter-Lab	36.2736, -11.2216, 3.7425

Details

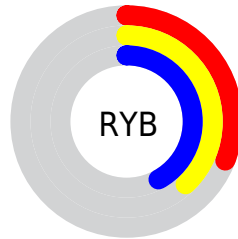
The CIELCh color **43, 13.745, 168.980** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 14.588, 354.216**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 13.830, 169.157**, and **23, 13.373, 170.307** is the 20% darker color. If you saturate the color by 10%, you get **42, 18.433, 167.896**, and if you desaturate by 10%, it is **44, 8.885, 169.973**.

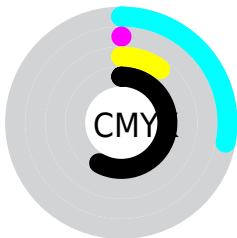
Distribution



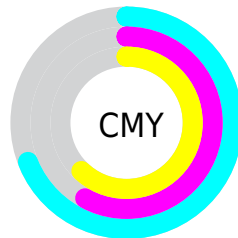
- Red (31%)
- Green (42%)
- Blue (38%)



- Red (31%)
- Yellow (38%)
- Blue (42%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (58%)





- Cyan (69%)
- Magenta (58%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.745, 168.980 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, 13.745, 168.980 by changing the saturation by 10% instead.


 43, 13.745,
168.980


 43, 13.745,
168.980


 100, 13.745,
168.980


 33, 13.745,
168.980

 63, 13.745,
168.980


 23, 13.745,
168.980

 73, 13.745,
168.980

 13, 13.745,
168.980


 83, 13.745,
168.980

 3, 13.745, 168.980

 93, 13.745,
168.980

 0, 13.745, 168.980

 43, 13.745,

 43, 13.745,

168.980

168.980

■ 42, 18.433,
167.896

■ 44, 8.885, 169.973

■ 42, 22.871,
166.707

■ 45, 3.917, 170.921

■ 46, 1.098, 351.425

■ 41, 26.986,
165.389

■ 47, 6.113, 352.427

■ 41, 30.711,
163.920

■ 48, 11.090,
353.189

■ 40, 33.994,
162.281

■ 49, 15.999,
353.896

■ 40, 36.810,
160.457

■ 51, 20.820,
354.564

■ 40, 39.294,
158.560

■ 52, 25.540,
355.200

■ 40, 39.836,
158.175

■ 53, 30.149,
355.806

Harmonies

Complementary

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



43, 13.745, 168.980



37, 14.588, 354.216

Rectangle

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



43, 13.745, 168.980



43, 13.745, 218.980



43, 13.745, 348.980



43, 13.745, 38.980

Sweetspot

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



43, 13.746, 168.978



57, 4.972, 170.882



43, 19.652, 132.396



30, 3.560, 170.765



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, 13.746, 168.978



55, 20.076, 168.332



42, 10.072, 212.270



22, 2.798, 170.812



43, 42.467, 157.944



86, 74.928, 156.522

Inverse Universe

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



37, 14.588, 354.216



45, 21.595, 354.965



37, 12.101, 32.634



21, 2.854, 352.227



24, 47.863, 12.510



52, 83.142, 15.953

Previews

White Background



This preview shows how the CIELCh color 43, 13.745, 168.980 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 CIELCh color 43, 13.745, 168.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

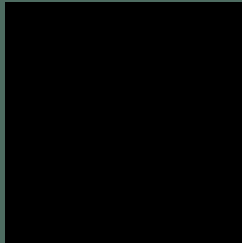
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.745, 168.980

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.745, 168.980.



This preview shows how white text looks on a background with the CIELCh color 43, 13.745, 168.980.

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, 13.745, 168.980

Protanopia

43, 5.084, 89.761

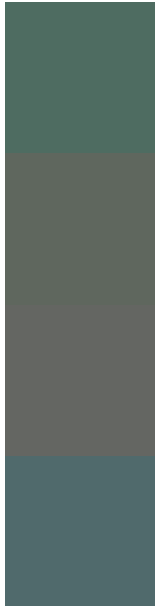
Deuteranopia

43, 5.967, 14.384



Tritanopia
43, 10.298, 230.465

Trichromacy



Original Color
43, 13.745, 168.980

Protanomaly
43, 6.391, 141.009

Deuteranomaly
43, 2.546, 128.938

Tritanomaly
43, 9.962, 205.265

Monochromacy



Original Color
43, 13.745, 168.980

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.146, 170.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.745, 168.980 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(78, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(78, 108, 97)  
}
```

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(78, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 108, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.745, 168.980 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(78, 108, 97) }
```

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

```
.border{ border-color:rgb(78, 108, 97) }
```

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

Here you see how a box with a 4 pixel rgb(78, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(78, 108,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.745, 168.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 108, 97) }
```

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

```
.background{ background-color: rgb(78, 108,  
97) }
```

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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