

Converting Colors

CIELCh(43, 13.903, 160.589)

Have a look what the booklet for
CIELCh(43, 13.903, 160.589)
contains.

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Color

CIELCh(43, 13.903, 160.589)

Conversions

Conversions Part 1

Format	Color
Hex	516C5E
RGB	81, 108, 94
RGB Percent	32%, 42%, 37%
CMY	0.6841, 0.5783, 0.6331
CMYK	0.25, 0.00, 0.13, 0.58
HSL	149°, 14%, 37%
HSV	149°, 25%, 42%
XYZ	10.6696, 13.1578, 12.4617
YIQ	98.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

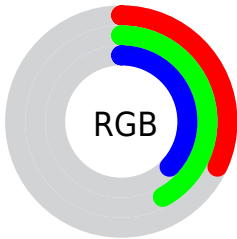
Format	Color
R_{YB}	81, 99, 108
Decimal	5336158
CIE _{Lab}	43.00, -13.11, 4.62
CIE _{LCh}	43, 13.903, 160.589
Yxy	13.1578, 0.2940, 0.3626
Android (android.graphics.Color)	4283526238 (0xFF516C5E)
YUV	98.3310, -2.1352, -15.1993
Hunter-Lab	36.2736, -10.9746, 5.0227

Details

The CIELCh color **43, 13.903, 160.589** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 14.283, 344.744**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 14.289, 159.499**, and **23, 13.661, 161.234** is the 20% darker color. If you saturate the color by 10%, you get **42, 19.320, 159.575**, and if you desaturate by 10%, it is **44, 8.382, 161.502**.

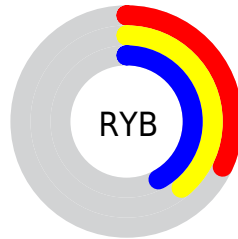
Distribution



Red (32%)

Green (42%)

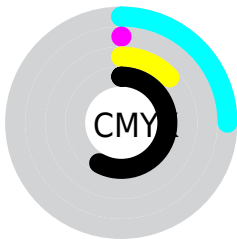
Blue (37%)



Red (32%)

Yellow (39%)

Blue (42%)

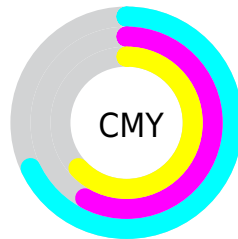


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (58%)



Cyan (68%)


Magenta (58%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.903, 160.589 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, 13.903, 160.589 by changing the saturation by 10% instead.


 43, 13.903,
160.589


 43, 13.903,
160.589


 100, 13.903,
160.589


 33, 13.903,
160.589

 63, 13.903,
160.589


 23, 13.903,
160.589

 73, 13.903,
160.589

 13, 13.903,
160.589


 83, 13.903,
160.589

 3, 13.903, 160.589

 93, 13.903,
160.589

 0, 13.903, 160.589

 43, 13.903,

 43, 13.903,

160.589

160.589

■ 42, 19.320,
159.575

■ 44, 8.382, 161.502

■ 41, 24.550,
158.442

■ 45, 2.823, 162.376

■ 41, 29.512,
157.166

■ 46, 2.719, 342.933

■ 40, 34.120,
155.727

■ 47, 8.197, 343.673

■ 40, 38.305,
154.108

■ 48, 13.581,
344.310

■ 40, 42.016,
152.299

■ 50, 18.846,
344.895

■ 39, 45.285,
150.356

■ 51, 23.978,
345.438

■ 39, 46.846,
149.478

■ 53, 28.968,
345.946

■ 54, 33.814,
346.423

Harmonies

Complementary

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



43, 13.903, 160.589



37, 14.283, 344.744

Rectangle

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



43, 13.903, 160.589



43, 13.903, 210.589



43, 13.903, 340.589



43, 13.903, 30.589

Sweetspot

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



43, 13.904, 160.588



57, 5.521, 162.096



44, 16.937, 126.784



30, 3.955, 161.990



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, 13.904, 160.588



55, 20.605, 160.020



43, 10.413, 195.209



22, 3.109, 162.032



43, 50.079, 149.235



85, 88.774, 147.804

Inverse Universe

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



37, 14.283, 344.744



47, 21.289, 345.304



37, 12.072, 18.606



21, 3.142, 343.313



24, 48.136, 358.513



53, 82.310, 1.060

Previews

White Background



This preview shows how the CIELCh color 43, 13.903, 160.589 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, 13.903, 160.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

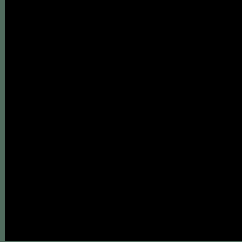
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

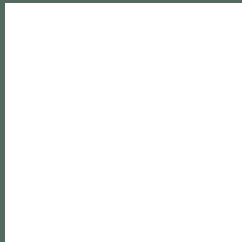
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.903, 160.589

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.903, 160.589.



This preview shows how white text looks on a background with the CIELCh color 43, 13.903, 160.589.

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, 13.903, 160.589

Protanopia
43, 6.933, 90.977

Deuteranopia
43, 6.550, 30.665



Tritanopia
43, 9.147, 230.547

Trichromacy



Original Color
43, 13.903, 160.589

Protanomaly
43, 7.649, 128.593

Deuteranomaly
43, 3.599, 109.636

Tritanomaly
43, 8.936, 198.375

Monochromacy



Original Color
43, 13.903, 160.589

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.826, 160.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.903, 160.589 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(81, 108, 94)` looks like.

```
.text, #text, p{  
    color:rgb(81, 108, 94)  
}
```

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(81, 108, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 108, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.903, 160.589 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(81, 108, 94) }
```

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

```
.border{ border-color:rgb(81, 108, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 108, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 108, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 108, 94);  
box-shadow:4px 4px 4px 4px rgb(81, 108,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.903, 160.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 108, 94) }
```

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

```
.background{ background-color: rgb(81, 108,  
94) }
```

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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