

Converting Colors

CIELCh(43, 9.156, 166.626)

Have a look what the booklet for
CIELCh(43, 9.156, 166.626) contains.

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Color

CIELCh(43, 9.156, 166.626)

Conversions

Conversions Part 1

Format	Color
Hex	576A62
RGB	87, 106, 98
RGB Percent	34%, 42%, 38%
CMY	0.6596, 0.5851, 0.6165
CMYK	0.18, 0.00, 0.08, 0.59
HSL	155°, 10%, 38%
HSV	155°, 18%, 41%
XYZ	11.2374, 13.1578, 13.4503
YIQ	99.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

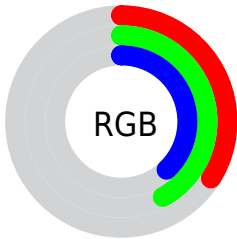
Format	Color
R_{YB}	87, 99, 106
Decimal	5728866
CIE Lab	43.00, -8.91, 2.12
CIE LCh	43, 9.156, 166.626
Yxy	13.1578, 0.2969, 0.3477
Android (android.graphics.Color)	4283918946 (0xFF576A62)
YUV	99.4070, -0.6937, -10.8809
Hunter-Lab	36.2736, -8.1804, 3.4068

Details

The CIELCh color **43, 9.156, 166.626** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 9.439, 349.687**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.864, 168.328**, and **23, 9.289, 167.582** is the 20% darker color. If you saturate the color by 10%, you get **42, 14.161, 165.642**, and if you desaturate by 10%, it is **44, 4.068, 167.547**.

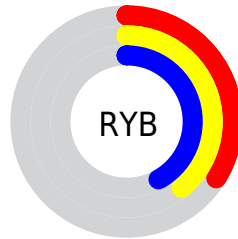
Distribution



Red (34%)

Green (42%)

Blue (38%)



Red (34%)

Yellow (39%)

Blue (42%)

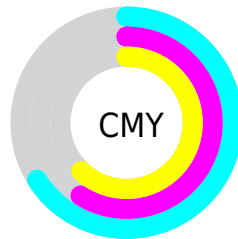


Cyan (18%)

Magenta (0%)

Yellow (8%)

Black (59%)



Cyan (66%)

Magenta (59%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.156, 166.626 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, 9.156, 166.626 by changing the saturation by 10% instead.

■ 43, 9.156, 166.626

■ 43, 9.156, 166.626

■ 100, 9.156,
166.626

■ 33, 9.156, 166.626

■ 63, 9.156, 166.626

■ 23, 9.156, 166.626

■ 73, 9.156, 166.626

■ 13, 9.156, 166.626

■ 83, 9.156, 166.626

■ 3, 9.156, 166.626

■ 93, 9.156, 166.626

■ 0, 9.156, 166.626

■ 43, 9.156, 166.626

■ 43, 9.156, 166.626

■ 42, 14.161,
165.642

■ 44, 4.068, 167.547

■ 41, 19.012,

■ 45, 1.049, 348.036

164.567

46, 6.147, 349.009

41, 23.635,
163.377

47, 11.188,
349.736

40, 27.955,
162.049

48, 16.147,
350.406

40, 31.899,
160.562

50, 21.004,
351.036

39, 35.415,
158.898

51, 25.748,
351.631

39, 38.472,
157.046

53, 30.370,
352.196

39, 41.207,
155.136

54, 34.868,
352.734

39, 41.766,
154.776

Harmonies

Complementary

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



43, 9.156, 166.626



39, 9.439, 349.687

Rectangle

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



43, 9.156, 166.626



43, 9.156, 216.626



43, 9.156, 346.626



43, 9.156, 36.626

Sweetspot

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



43, 9.157, 166.623



57, 3.173, 167.820



43, 12.263, 130.629



29, 2.149, 167.769



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, 9.157, 166.623



55, 13.893, 166.176



43, 6.987, 204.918



22, 2.902, 167.453



43, 45.190, 154.485



86, 79.912, 153.041

Inverse Universe

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



39, 9.439, 349.687



49, 14.434, 350.158



39, 7.820, 26.066



21, 2.948, 348.830



24, 47.572, 7.427



52, 82.086, 10.614

Previews

White Background



This preview shows how the CIELCh color 43, 9.156, 166.626 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, 9.156, 166.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

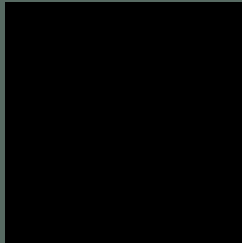
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

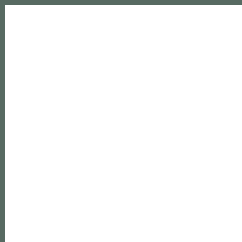
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 9.156, 166.626

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.156, 166.626.



This preview shows how white text looks on a background with the CIELCh color 43, 9.156, 166.626.

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

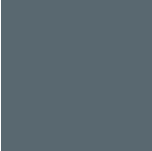
43, 9.156, 166.626

Protanopia

43, 3.969, 84.243

Deuteranopia

43, 5.967, 14.384



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 9.156, 166.626

Protanomaly
43, 4.709, 135.938

Deuteranomaly
43, 1.452, 74.824

Tritanomaly
43, 6.744, 208.993

Monochromacy



Original Color
43, 9.156, 166.626

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.763, 173.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.156, 166.626 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(87, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 98)  
}
```

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(87, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.156, 166.626 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(87, 106, 98) }
```

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

```
.border{ border-color:rgb(87, 106, 98) }
```

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

Here you see how a box with a 4 pixel rgb(87, 106, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.156, 166.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 98) }
```

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

```
.background{ background-color: rgb(87, 106,  
98) }
```

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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