

Converting Colors

CIELCh(43, 12.758, 168.146)

Have a look what the booklet for
CIELCh(43, 12.758, 168.146)
contains.

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Color

CIELCh(43, 12.458, 169.008)

Conversions

Conversions Part 1

Format	Color
Hex	506B61
RGB	80, 107, 97
RGB Percent	31%, 42%, 38%
CMY	0.6852, 0.5793, 0.6186
CMYK	0.25, 0.00, 0.09, 0.58
HSL	158°, 14%, 37%
HSV	158°, 25%, 42%
XYZ	10.7872, 13.1578, 13.3462
YIQ	97.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

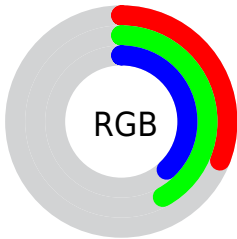
Format	Color
RYB	80, 97, 107
Decimal	5270369
CIELab	43.00, -12.23, 2.38
CIELCh	43, 12.458, 169.008
Yxy	13.1578, 0.2893, 0.3528
Android (android.graphics.Color)	4283460449 (0xFF506B61)
YUV	97.7870, -0.3880, -15.5992
Hunter-Lab	36.2736, -10.3956, 3.5769

Details

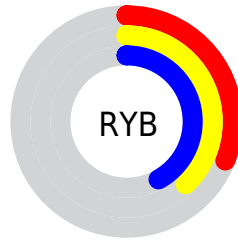
The CIELCh color **43, 12.458, 169.008** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 13.134, 353.656**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.002, 170.526**, and **23, 12.738, 169.007** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.196, 167.950**, and if you desaturate by 10%, it is **44, 7.569, 169.981**.

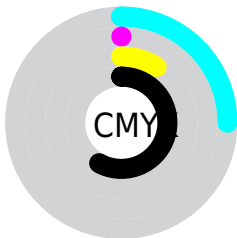
Distribution



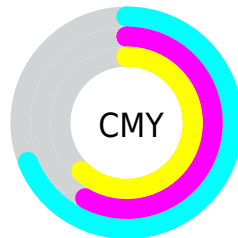
- Red (31%)
- Green (42%)
- Blue (38%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 12.458, 169.008 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, 12.458, 169.008 by changing the saturation by 10% instead.

 43, 12.458,
169.008


 43, 12.458,
169.008


 100, 12.458,
169.008


 33, 12.458,
169.008

 63, 12.458,
169.008


 23, 12.458,
169.008

 73, 12.458,
169.008

 13, 12.458,
169.008


 83, 12.458,
169.008

 3, 12.458, 169.008

 93, 12.458,
169.008

 0, 12.458, 169.008

 43, 12.458,

 43, 12.458,

169.008

169.008

■ 42, 17.196,
167.950

■ 44, 7.569, 169.981

■ 42, 21.707,
166.792

■ 45, 2.590, 170.941

■ 46, 2.421, 351.535

■ 41, 25.917,
165.510

■ 47, 7.419, 352.386

■ 41, 29.756,
164.082

■ 48, 12.368,
353.128

■ 40, 33.167,
162.488

■ 49, 17.244,
353.821

■ 40, 36.118,
160.713

■ 51, 22.026,
354.478

■ 40, 38.658,
158.796

■ 52, 26.704,
355.102

■ 40, 39.862,
157.932

■ 54, 31.270,
355.698

Harmonies

Complementary

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



43, 12.458, 169.008



37, 13.134, 353.656

Rectangle

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



43, 12.458, 169.008



43, 12.458, 219.008



43, 12.458, 349.008



43, 12.458, 39.008

Sweetspot

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



43, 12.459, 169.006



57, 4.984, 170.637



43, 17.633, 131.977



30, 3.569, 170.520



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, 12.459, 169.006



55, 18.380, 168.420



42, 9.278, 210.277



22, 2.805, 170.566



43, 42.658, 157.686



86, 75.279, 156.261

Inverse Universe

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



37, 13.134, 353.656



46, 19.616, 354.322



38, 10.934, 30.965



21, 2.860, 351.980



24, 47.828, 12.151



52, 83.040, 15.580

Previews

White Background



This preview shows how the CIELCh color 43, 12.458, 169.008 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, 12.458, 169.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

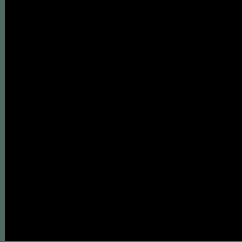
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

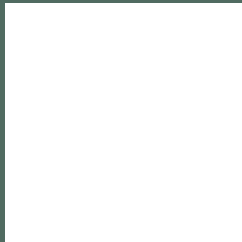
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.458, 169.008

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.458, 169.008.



This preview shows how white text looks on a background with the CIELCh color 43, 12.458, 169.008.

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, 12.458, 169.008

Protanopia

43, 4.521, 87.354

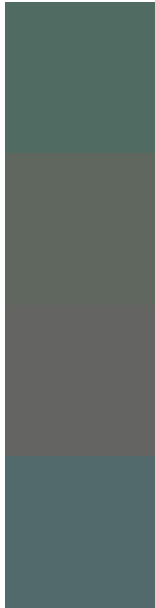
Deuteranopia

43, 5.967, 14.384



Tritanopia
43, 9.448, 229.393

Trichromacy



Original Color
43, 12.458, 169.008

Protanomaly
43, 5.652, 140.671

Deuteranomaly
43, 1.851, 122.920

Tritanomaly
43, 9.260, 202.095

Monochromacy



Original Color
43, 12.458, 169.008

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.140, 172.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.458, 169.008 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(80, 107, 97)` looks like.

```
.text, #text, p{  
    color:rgb(80, 107, 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(80, 107, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 107, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.458, 169.008 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(80, 107, 97) }
```

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

```
.border{ border-color:rgb(80, 107, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 107, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 107, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 107, 97);  
box-shadow:4px 4px 4px 4px rgb(80, 107,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.458, 169.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 107, 97) }
```

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

```
.background{ background-color: rgb(80, 107,  
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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