

Converting Colors

CIELCh(43, 14.188, 169.361)

Have a look what the booklet for
CIELCh(43, 14.188, 169.361)
contains.

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Color

CIELCh(43, 14.066, 169.642)

Conversions

Conversions Part 1

Format	Color
Hex	4D6C61
RGB	77, 108, 97
RGB Percent	30%, 42%, 38%
CMY	0.6982, 0.5766, 0.6197
CMYK	0.29, 0.00, 0.10, 0.58
HSL	159°, 17%, 36%
HSV	159°, 29%, 42%
XYZ	10.5738, 13.1578, 13.2844
YIQ	97.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

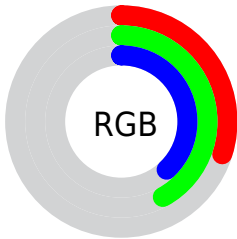
Format	Color
RYB	77, 96, 108
Decimal	5074017
CIELab	43.00, -13.84, 2.53
CIElCh	43, 14.066, 169.642
Yxy	13.1578, 0.2857, 0.3555
Android (android.graphics.Color)	4283264097 (0xFF4D6C61)
YUV	97.4770, -0.2352, -17.9583
Hunter-Lab	36.2736, -11.4460, 3.6780




Details

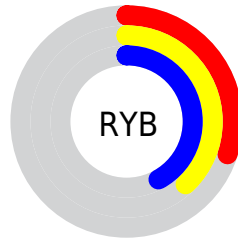
The CIELCh color **43, 14.066, 169.642** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 15.004, 355.107**, and the grayscale version is **41, 0.006, 296.813**.




A 20% lighter version of the original color is **63, 14.141, 169.814**, and **23, 13.684, 170.891** is the 20% darker color. If you saturate the color by 10%, you get **42, 18.689, 168.551**, and if you desaturate by 10%, it is **44, 9.260, 170.643**.

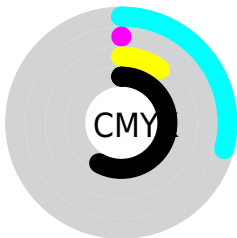
Distribution







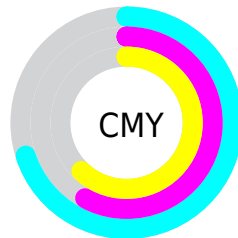
-  Red (30%)
-  Green (42%)
-  Blue (38%)






-  Red (30%)
-  Yellow (38%)
-  Blue (42%)



-  Cyan (29%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (58%)




-  Cyan (70%)
-  Magenta (58%)
-  Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 14.066, 169.642 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, 14.066, 169.642 by changing the saturation by 10% instead.


 43, 14.066,
169.642


 43, 14.066,
169.642


 100, 14.066,
169.642

 33, 14.066,
169.642

 63, 14.066,
169.642

 23, 14.066,
169.642

 73, 14.066,
169.642

 13, 14.066,
169.642


 83, 14.066,
169.642

 3, 14.066, 169.642

 93, 14.066,
169.642

 0, 14.066, 169.642

 43, 14.066,

 43, 14.066,

169.642

169.642

■ 42, 18.689,
168.551

■ 44, 9.260, 170.643

■ 42, 23.051,
167.354

■ 45, 4.335, 171.594

■ 46, 0.647, 351.925

■ 41, 27.080,
166.028

■ 47, 5.636, 353.122

■ 41, 30.710,
164.552

■ 48, 10.595,
353.896

■ 40, 33.892,
162.906

■ 49, 15.492,
354.614

■ 40, 36.607,
161.076

■ 51, 20.306,
355.293

■ 40, 39.023,
159.200

■ 52, 25.023,
355.939

■ 40, 39.336,
158.976

■ 53, 29.633,
356.556

Harmonies

Complementary

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



43, 14.066, 169.642



36, 15.004, 355.107

Rectangle

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



43, 14.066, 169.642



43, 14.066, 219.642



43, 14.066, 349.642



43, 14.066, 39.642

Sweetspot

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



43, 14.067, 169.640



57, 5.550, 171.543



43, 20.304, 132.354



30, 3.885, 171.435



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, 14.067, 169.640



55, 20.469, 168.975



42, 10.375, 212.290



22, 2.777, 171.571



43, 41.884, 158.750



86, 73.857, 157.335

Inverse Universe

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



36, 15.004, 355.107



45, 22.151, 355.892



37, 12.548, 32.673



21, 2.834, 352.992



24, 47.984, 13.603



52, 83.480, 17.089

Previews

White Background



This preview shows how the CIELCh color 43, 14.066, 169.642 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, 14.066, 169.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

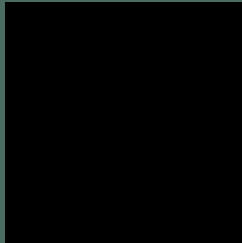
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 14.066, 169.642

Background



This preview shows how black text looks on a background with the CIELCh color 43, 14.066, 169.642.



This preview shows how white text looks on a background with the CIELCh color 43, 14.066, 169.642.

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, 14.066, 169.642

Protanopia

43, 5.084, 89.761

Deuteranopia

43, 5.967, 14.384



Tritanopia
43, 10.345, 226.342

Trichromacy



Original Color
43, 14.066, 169.642

Protanomaly
43, 7.118, 141.270

Deuteranomaly
43, 2.717, 137.182

Tritanomaly
43, 10.310, 201.593

Monochromacy



Original Color
43, 14.066, 169.642

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.155, 170.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 14.066, 169.642 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(77, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(77, 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(77, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 14.066, 169.642 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(77, 108, 97) }
```

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

```
.border{ border-color:rgb(77, 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(77, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 14.066, 169.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 97) }
```

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

```
.background{ background-color: rgb(77, 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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