

Converting Colors

CIELCh(43, 14.678, 197.704)

Have a look what the booklet for
CIELCh(43, 14.678, 197.704)
contains.

CIELCh(43, 14.668, 197.716)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 14.668, 197.716)

Conversions

Conversions Part 1

Format	Color
Hex	446C6C
RGB	68, 108, 108
RGB Percent	27%, 42%, 42%
CMY	0.7316, 0.5747, 0.5747
CMYK	0.37, 0.00, 0.00, 0.57
HSL	180°, 23%, 35%
HSV	180°, 37%, 43%
XYZ	10.5559, 13.1578, 16.2964
YIQ	96.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

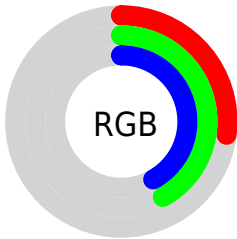
Format	Color
RYB	68, 88, 108
Decimal	4484204
CIELab	43.00, -13.97, -4.46
CIElCh	43, 14.668, 197.716
Yxy	13.1578, 0.2638, 0.3289
Android (android.graphics.Color)	4282674284 (0xFF446C6C)
YUV	96.0400, 5.8963, -24.5911
Hunter-Lab	36.2736, -11.5340, -1.2452

Details

The CIELCh color **43, 14.668, 197.716** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 18.690, 22.533**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 14.948, 195.948**, and **23, 14.496, 199.627** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.842, 197.352**, and if you desaturate by 10%, it is **44, 11.096, 198.128**.

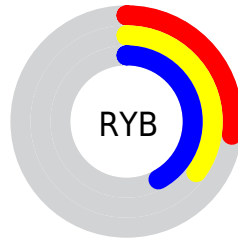
Distribution



 Red (27%)

 Green (42%)

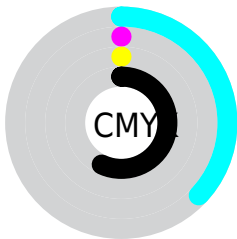
 Blue (42%)



 Red (27%)

 Yellow (35%)

 Blue (42%)

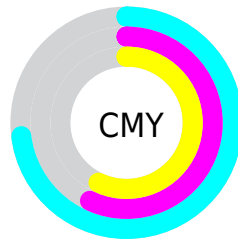


 Cyan (37%)


 Magenta (0%)

 Yellow (0%)

 Black (57%)



 Cyan (73%)

 Magenta (57%)


 Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 14.668, 197.716 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, 14.668, 197.716 by changing the saturation by 10% instead.


 43, 14.668,
197.716


 43, 14.668,
197.716


 100, 14.668,
197.716


 33, 14.668,
197.716

 63, 14.668,
197.716


 23, 14.668,
197.716

 73, 14.668,
197.716

 13, 14.668,
197.716

 83, 14.668,
197.716

 3, 14.668, 197.716

 93, 14.668,
197.716

 0, 14.668, 197.716

 43, 14.668,

 43, 14.668,

197.716

197.716

■ 42, 17.842,
197.352

■ 44, 11.096,
198.128

■ 42, 20.563,
197.047

■ 44, 7.187, 198.599

■ 42, 22.787,
196.802

■ 45, 3.006, 199.159

■ 46, 1.386, 19.310

■ 41, 24.491,
196.615

■ 47, 5.934, 20.055

■ 41, 25.678,
196.486

■ 48, 10.591, 20.650

■ 49, 15.316, 21.242

■ 41, 26.469,
196.400

■ 51, 20.077, 21.837

■ 41, 26.706,
196.375

■ 52, 24.847, 22.433

Harmonies

Complementary

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



43, 14.668, 197.716



34, 18.690, 22.533

Rectangle

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



43, 14.668, 197.716



43, 14.668, 247.716



43, 14.668, 17.716



43, 14.668, 67.716

Sweetspot

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



43, 14.668, 197.713



57, 5.865, 198.893



42, 29.104, 141.529



30, 3.962, 198.839



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, 14.668, 197.713



54, 20.842, 197.410



37, 13.830, 259.252



22, 2.415, 199.028



44, 28.238, 196.375



88, 48.592, 196.374

Inverse Universe

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



34, 18.690, 22.533



41, 28.268, 23.741



39, 15.413, 69.353



21, 2.547, 19.845



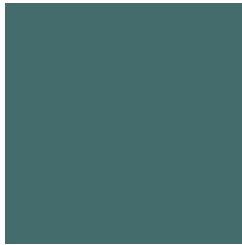
23, 56.950, 37.575



51, 101.388, 39.998

Previews

White Background



This preview shows how the CIELCh color 43, 14.668, 197.716 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, 14.668, 197.716 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, 14.668, 197.716

Background



This preview shows how black text looks on a background with the CIELCh color 43, 14.668, 197.716.



This preview shows how white text looks on a background with the CIELCh color 43, 14.668, 197.716.

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, 14.668, 197.716

Protanopia

43, 1.861, 303.173

Deuteranopia

43, 8.679, 315.940



Tritanopia
43, 14.041, 220.914

Trichromacy



Original Color
43, 14.668, 197.716

Protanomaly
43, 5.641, 211.179

Deuteranomaly
43, 5.901, 254.142

Tritanomaly
43, 14.241, 210.160

Monochromacy



Original Color
43, 14.668, 197.716

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.995, 198.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 14.668, 197.716 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(68, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(68, 108, 108)  
}
```

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(68, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 108, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 14.668, 197.716 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(68, 108, 108) }
```

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

```
.border{ border-color:rgb(68, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(68, 108,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 14.668, 197.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 108, 108) }
```

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

```
.background{ background-color: rgb(68, 108,  
108) }
```

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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