

Converting Colors

CIELCh(43, 13.310, 195.155)

Have a look what the booklet for
CIELCh(43, 13.310, 195.155)
contains.

CIELCh(43, 13.486, 195.266)	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, 13.486, 195.266)

Conversions

Conversions Part 1

Format	Color
Hex	486C6B
RGB	72, 108, 107
RGB Percent	28%, 42%, 42%
CMY	0.7177, 0.5766, 0.5805
CMYK	0.33, 0.00, 0.01, 0.58
HSL	178°, 20%, 35%
HSV	178°, 33%, 42%
XYZ	10.6832, 13.1578, 15.8798
YIQ	97.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

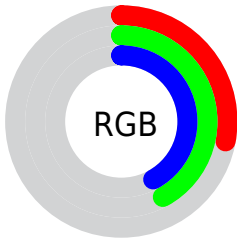
Format	Color
RYB	72, 90, 108
Decimal	4746347
CIELab	43.00, -13.01, -3.55
CIElCh	43, 13.486, 195.266
Yxy	13.1578, 0.2690, 0.3313
Android (android.graphics.Color)	4282936427 (0xFF486C6B)
YUV	97.1220, 4.8699, -22.0320
Hunter-Lab	36.2736, -10.9076, -0.5644

Details

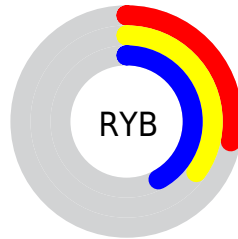
The CIELCh color **43, 13.486, 195.266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 16.553, 19.982**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 13.733, 193.513**, and **23, 13.145, 197.155** is the 20% darker color. If you saturate the color by 10%, you get **42, 16.852, 194.758**, and if you desaturate by 10%, it is **44, 9.758, 195.800**.

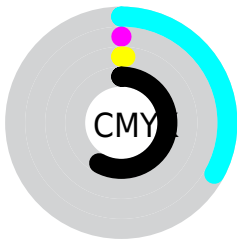
Distribution



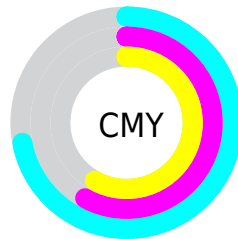
- Red (28%)
- Green (42%)
- Blue (42%)



- Red (28%)
- Yellow (35%)
- Blue (42%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)




- Cyan (72%)
- Magenta (58%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.486, 195.266 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, 13.486, 195.266 by changing the saturation by 10% instead.


 43, 13.486,
195.266


 43, 13.486,
195.266


 100, 13.486,
195.266


 33, 13.486,
195.266

 63, 13.486,
195.266


 23, 13.486,
195.266

 73, 13.486,
195.266

 13, 13.486,
195.266


 83, 13.486,
195.266

 3, 13.486, 195.266

 93, 13.486,
195.266

 0, 13.486, 195.266

 43, 13.486,

 43, 13.486,

195.266

■ 42, 16.852,
194.758

■ 42, 19.793,
194.286

■ 42, 22.260,
193.844

■ 41, 24.219,
193.427

■ 41, 25.660,
193.032

■ 41, 26.618,
192.649

■ 41, 27.174,
192.402

195.266

■ 44, 9.758, 195.800

■ 44, 5.730, 196.379

■ 45, 1.466, 197.133

■ 46, 2.976, 17.371

■ 47, 7.543, 18.050

■ 48, 12.191, 18.685

■ 50, 16.885, 19.315

■ 51, 21.595, 19.942

■ 52, 26.299, 20.565

Harmonies

Complementary

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



43, 13.486, 195.266



35, 16.553, 19.982

Rectangle

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



43, 13.486, 195.266



43, 13.486, 245.266



43, 13.486, 15.266



43, 13.486, 65.266

Sweetspot

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



43, 13.486, 195.263



57, 5.361, 196.571



42, 26.115, 141.436



30, 3.677, 196.504



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, 13.486, 195.263



55, 19.459, 194.869



38, 12.298, 256.606



22, 2.421, 196.658



44, 28.829, 192.366



88, 49.674, 192.135

Inverse Universe

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



35, 16.553, 19.982



42, 25.214, 21.052



39, 13.675, 67.997



21, 2.547, 17.593



23, 56.220, 36.483



51, 100.289, 39.201

Previews

White Background



This preview shows how the CIE LCh color 43, 13.486, 195.266 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, 13.486, 195.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

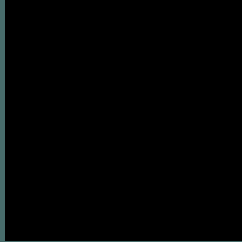
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.486, 195.266

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.486, 195.266.



This preview shows how white text looks on a background with the CIELCh color 43, 13.486, 195.266.

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, 13.486, 195.266

Protanopia

43, 1.471, 324.434

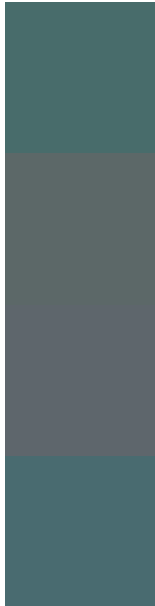
Deuteranopia

43, 7.610, 319.761



Tritanopia
43, 12.738, 220.515

Trichromacy



Original Color
43, 13.486, 195.266

Protanomaly
43, 4.811, 198.889

Deuteranomaly
43, 4.752, 248.855

Tritanomaly
43, 12.717, 211.831

Monochromacy



Original Color
43, 13.486, 195.266

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.222, 198.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.486, 195.266 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(72, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(72, 108, 107)  
}
```

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(72, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 108, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.486, 195.266 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(72, 108, 107) }
```

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

```
.border{ border-color:rgb(72, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(72, 108,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.486, 195.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 108, 107) }
```

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

```
.background{ background-color: rgb(72, 108,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor