

Converting Colors

CIELCh(43, 15.980, 176.992)

Have a look what the booklet for
CIELCh(43, 15.980, 176.992)
contains.

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Color

CIELCh(43, 15.996, 177.658)

Conversions

Conversions Part 1

Format	Color
Hex	466D64
RGB	70, 109, 100
RGB Percent	27%, 43%, 39%
CMY	0.7255, 0.5726, 0.6079
CMYK	0.36, 0.00, 0.08, 0.57
HSL	166°, 22%, 35%
HSV	166°, 36%, 43%
XYZ	10.2932, 13.1578, 14.0522
YIQ	96.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

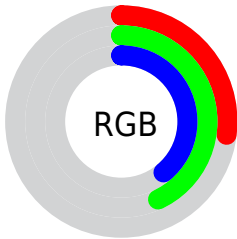
Format	Color
R_{YB}	70, 92, 109
Decimal	4615524
CIE _{Lab}	43.00, -15.98, 0.65
CIE _{LCh}	43, 15.996, 177.658
Yxy	13.1578, 0.2745, 0.3508
Android (android.graphics.Color)	4282805604 (0xFF466D64)
YUV	96.3130, 1.8177, -23.0765
Hunter-Lab	36.2736, -12.8266, 2.4230

Details

The CIELCh color **43, 15.996, 177.658** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 18.195, 4.864**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 16.106, 177.605**, and **23, 16.137, 177.180** is the 20% darker color. If you saturate the color by 10%, you get **42, 19.938, 176.584**, and if you desaturate by 10%, it is **44, 11.765, 178.656**.

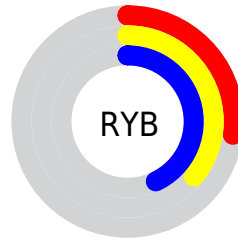
Distribution



Red (27%)

Green (43%)

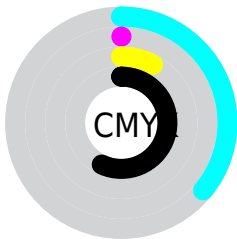
Blue (39%)



Red (27%)

Yellow (36%)

Blue (43%)

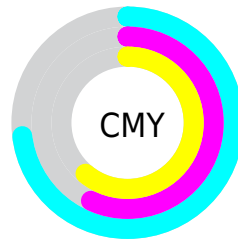


Cyan (36%)

Magenta (0%)

Yellow (8%)

Black (57%)



Cyan (73%)


Magenta (57%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.996, 177.658 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, 15.996, 177.658 by changing the saturation by 10% instead.


 43, 15.996,
177.658


 43, 15.996,
177.658


 100, 15.996,
177.658


 33, 15.996,
177.658

 63, 15.996,
177.658


 23, 15.996,
177.658

 73, 15.996,
177.658

 13, 15.996,
177.658

 83, 15.996,
177.658

 3, 15.996, 177.658

 93, 15.996,
177.658

 0, 15.996, 177.658

 43, 15.996,

 43, 15.996,

177.658

177.658

■ 42, 19.938,
176.584

■ 44, 11.765,
178.656

■ 42, 23.519,
175.424

■ 45, 7.313, 179.603

■ 41, 26.678,
174.153

■ 45, 2.707, 180.559

■ 46, 1.994, 1.117

■ 41, 29.369,
172.754

■ 48, 6.742, 2.033

■ 41, 31.573,
171.204

■ 49, 11.497, 2.823

■ 50, 16.226, 3.573

■ 41, 33.365,
169.536

■ 51, 20.907, 4.294

■ 41, 34.108,
168.867

■ 53, 25.522, 4.989

Harmonies

Complementary

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



43, 15.996, 177.658



34, 18.195, 4.864

Rectangle

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



43, 15.996, 177.658



43, 15.996, 227.658



43, 15.996, 357.658



43, 15.996, 47.658

Sweetspot

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



43, 15.997, 177.656



58, 6.396, 180.021



43, 26.495, 136.051



29, 4.263, 179.931



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, 15.997, 177.656



55, 23.478, 176.760



40, 12.020, 230.391



22, 2.586, 180.244



44, 36.020, 168.695



86, 63.030, 167.460

Inverse Universe

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



34, 18.195, 4.864



42, 27.595, 6.208



37, 14.985, 46.061



21, 2.667, 1.653



23, 50.434, 24.559



51, 89.104, 28.128

Previews

White Background



This preview shows how the CIELCh color 43, 15.996, 177.658 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, 15.996, 177.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

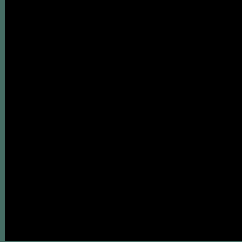
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 15.996, 177.658

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.996, 177.658.



This preview shows how white text looks on a background with the CIELCh color 43, 15.996, 177.658.

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, 15.996, 177.658

Protanopia

43, 3.807, 90.081

Deuteranopia

43, 5.578, 354.615



Tritanopia
43, 12.738, 220.515

Trichromacy



Original Color
43, 15.996, 177.658

Protanomaly
43, 6.539, 158.604

Deuteranomaly
43, 2.931, 187.279

Tritanomaly
43, 12.968, 203.304

Monochromacy



Original Color
43, 15.996, 177.658

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 6.237, 175.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.996, 177.658 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(70, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(70, 109, 100)  
}
```

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(70, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 109, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.996, 177.658 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(70, 109, 100) }
```

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

```
.border{ border-color:rgb(70, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(70, 109,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.996, 177.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 109, 100) }
```

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

```
.background{ background-color: rgb(70, 109,  
100) }
```

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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