

Converting Colors

CIELCh(43, 19.322, 215.358)

Have a look what the booklet for
CIELCh(43, 19.322, 215.358)
contains.

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Color

CIELCh(43, 19.398, 213.785)

Conversions

Conversions Part 1

Format	Color
Hex	346E77
RGB	52, 110, 119
RGB Percent	20%, 43%, 47%
CMY	0.7969, 0.5694, 0.5342
CMYK	0.56, 0.08, 0.00, 0.53
HSL	188°, 39%, 33%
HSV	188°, 56%, 47%
XYZ	10.2752, 13.1578, 19.3845
YIQ	93.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

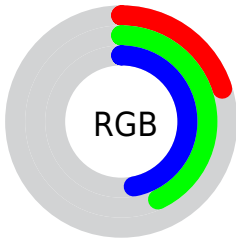
Format	Color
RYB	52, 83, 119
Decimal	3436151
CIELab	43.00, -16.12, -10.79
CIELCh	43, 19.398, 213.785
Yxy	13.1578, 0.2400, 0.3073
Android (android.graphics.Color)	4281626231 (0xFF346E77)
YUV	93.6840, 12.4808, -36.5569
Hunter-Lab	36.2736, -12.9155, -6.2928




Details

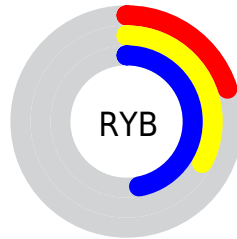
The CIELCh color **43, 19.398, 213.785** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 29.635, 34.862**, and the grayscale version is **40, 0.006, 296.813**.




A 20% lighter version of the original color is **63, 19.384, 213.049**, and **23, 17.593, 217.021** is the 20% darker color. If you saturate the color by 10%, you get **42, 21.488, 214.721**, and if you desaturate by 10%, it is **44, 16.817, 213.105**.

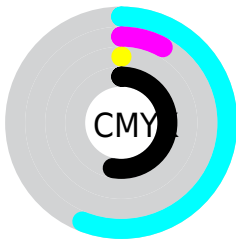
Distribution







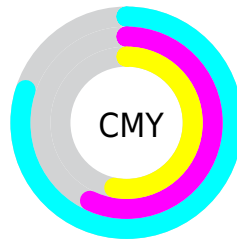
-  Red (20%)
-  Green (43%)
-  Blue (47%)






-  Red (20%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (56%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (53%)





-  Cyan (80%)
-  Magenta (57%)
-  Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 19.398, 213.785 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, 19.398, 213.785 by changing the saturation by 10% instead.


 43, 19.398,
213.785


 43, 19.398,
213.785


 100, 19.398,
213.785


 33, 19.398,
213.785

 63, 19.398,
213.785


 23, 19.398,
213.785

 73, 19.398,
213.785

 13, 19.398,
213.785


 83, 19.398,
213.785

 3, 19.398, 213.785

 93, 19.398,
213.785

 0, 19.398, 213.785

 43, 19.398,

 43, 19.398,

213.785

■ 42, 21.488,
214.721

■ 41, 23.057,
215.968

■ 40, 24.106,
217.572

■ 40, 24.727,
219.518

■ 40, 24.937,
220.217

213.785

■ 44, 16.817,
213.105

■ 45, 13.794,
212.642

■ 46, 10.388,
212.357

■ 48, 6.660, 212.226

■ 49, 2.670, 212.271

■ 50, 1.526, 31.930

■ 52, 5.879, 32.231

■ 54, 10.349, 32.430

■ 55, 14.901, 32.652

Harmonies

Complementary

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



43, 19.398, 213.785



33, 29.635, 34.862

Rectangle

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



43, 19.398, 213.785



43, 19.398, 263.785



43, 19.398, 33.785



43, 19.398, 83.785

Sweetspot

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



43, 19.398, 213.783



61, 8.577, 212.232



45, 43.007, 143.504



32, 5.755, 212.246



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 19.398, 213.783



54, 26.833, 215.100



32, 27.432, 278.739



24, 2.305, 212.231



41, 25.474, 220.302



80, 43.069, 221.824

Inverse Universe

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



33, 42.618, 331.603



40, 61.164, 332.374



42, 28.226, 81.109



23, 4.337, 328.815



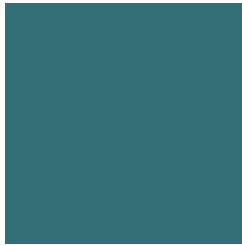
27, 60.650, 334.168



57, 102.255, 334.548

Previews

White Background



This preview shows how the CIELCh color 43, 19.398, 213.785 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, 19.398, 213.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

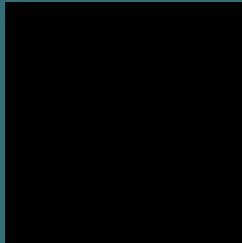
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 19.398, 213.785

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.398, 213.785.



This preview shows how white text looks on a background with the CIELCh color 43, 19.398, 213.785.

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, 19.398, 213.785

Protanopia

43, 7.841, 288.452

Deuteranopia

43, 13.306, 295.371



Tritanopia
43, 19.398, 213.785

Trichromacy



Original Color
43, 19.398, 213.785

Protanomaly
43, 10.351, 238.720

Deuteranomaly
43, 12.353, 255.351

Tritanomaly
43, 19.398, 213.785

Monochromacy



Original Color
43, 19.398, 213.785

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 8.311, 211.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.398, 213.785 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(52, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(52, 110, 119)  
}
```

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(52, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 110, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.398, 213.785 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(52, 110, 119) }
```

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

```
.border{ border-color:rgb(52, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(52, 110,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.398, 213.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 110, 119) }
```

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

```
.background{ background-color: rgb(52, 110,  
119) }
```

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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