

Converting Colors

CIELCh(43, 21.313, 175.879)

Have a look what the booklet for
CIELCh(43, 21.313, 175.879)
contains.

CIELCh(43, 21.476, 175.473)	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, 21.476, 175.473)

Conversions

Conversions Part 1

Format	Color
Hex	396F62
RGB	57, 111, 98
RGB Percent	22%, 44%, 38%
CMY	0.7759, 0.5642, 0.6152
CMYK	0.49, 0.00, 0.12, 0.56
HSL	166°, 32%, 33%
HSV	166°, 49%, 44%
XYZ	9.6060, 13.1578, 13.6222
YIQ	93.3720, -28.0110, -15.4910

Conversions

Conversions Part 2

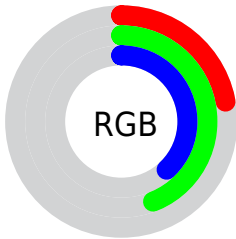
Format	Color
R_{YB}	57, 88, 111
Decimal	3764066
CIE _{Lab}	43.00, -21.41, 1.70
CIE _{LCh}	43, 21.476, 175.473
Yxy	13.1578, 0.2640, 0.3616
Android (android.graphics.Color)	4281954146 (0xFF396F62)
YUV	93.3720, 2.2816, -31.8982
Hunter-Lab	36.2736, -16.2082, 3.1257

Details

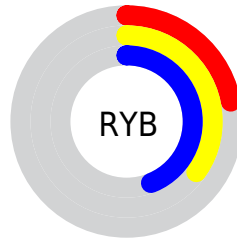
The CIELCh color **43, 21.476, 175.473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 25.526, 6.271**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 21.347, 175.933**, and **23, 21.409, 175.686** is the 20% darker color. If you saturate the color by 10%, you get **42, 25.042, 174.260**, and if you desaturate by 10%, it is **44, 17.528, 176.583**.

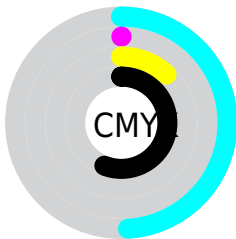
Distribution



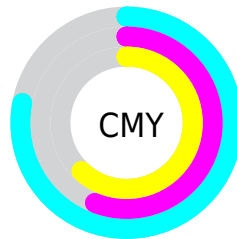
- Red (22%)
- Green (44%)
- Blue (38%)



- Red (22%)
- Yellow (35%)
- Blue (44%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)





- Cyan (78%)
- Magenta (56%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.476, 175.473 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, 21.476, 175.473 by changing the saturation by 10% instead.


 43, 21.476,
175.473


 43, 21.476,
175.473


 100, 21.476,
175.473

 33, 21.476,
175.473

 63, 21.476,
175.473


 23, 21.476,
175.473

 73, 21.476,
175.473

 13, 21.476,
175.473

 83, 21.476,
175.473

 3, 21.476, 175.473

 93, 21.476,
175.473

 0, 21.476, 175.473

 43, 21.476,

 43, 21.476,

175.473

175.473

■ 42, 25.042,
174.260

■ 44, 17.528,
176.583

■ 42, 28.166,
172.930

■ 44, 13.268,
177.615

■ 42, 30.807,
171.458

■ 45, 8.767, 178.586

■ 41, 32.953,
169.828

■ 46, 4.097, 179.530

■ 47, 0.683, 359.831

■ 41, 34.773,
168.134

■ 48, 5.518, 1.062

■ 41, 35.032,
167.907

■ 49, 10.366, 1.870

■ 51, 15.193, 2.631

■ 52, 19.972, 3.359

Harmonies

Complementary

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



43, 21.476, 175.473



31, 25.526, 6.271

Rectangle

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



43, 21.476, 175.473



43, 21.476, 225.473



43, 21.476, 355.473



43, 21.476, 45.473

Sweetspot

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



43, 21.476, 175.471



59, 8.854, 178.885



43, 36.058, 134.828



30, 6.075, 178.732



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 21.476, 175.471



55, 30.780, 174.135



39, 15.816, 229.760



23, 2.703, 179.489



44, 37.059, 167.730



87, 64.375, 166.509

Inverse Universe

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



31, 25.526, 6.271



38, 38.051, 8.616



34, 21.881, 44.286



22, 2.785, 0.923



24, 50.987, 23.873



52, 89.252, 27.353

Previews

White Background



This preview shows how the CIELCh color 43, 21.476, 175.473 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, 21.476, 175.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

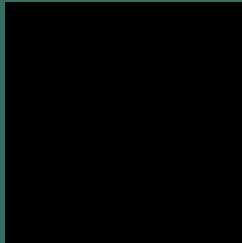
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.476, 175.473

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.476, 175.473.

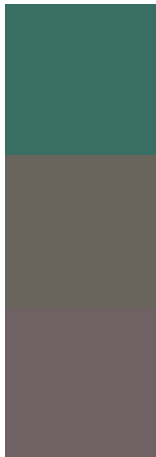


This preview shows how white text looks on a background with the CIELCh color 43, 21.476, 175.473.

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, 21.476, 175.473

Protanopia
43, 5.655, 91.667

Deuteranopia
43, 5.761, 1.943



Tritanopia
43, 16.216, 217.468

Trichromacy



Original Color
43, 21.476, 175.473

Protanomaly
43, 9.710, 155.368

Deuteranomaly
43, 5.232, 178.572

Tritanomaly
43, 16.959, 199.533

Monochromacy



Original Color
43, 21.476, 175.473

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 8.079, 180.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.476, 175.473 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(57, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(57, 111, 98)  
}
```

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(57, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 111, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.476, 175.473 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(57, 111, 98) }
```

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

```
.border{ border-color:rgb(57, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(57, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(57, 111,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.476, 175.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 111, 98) }
```

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

```
.background{ background-color: rgb(57, 111,  
98) }
```

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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