

Converting Colors

CIELCh(43, 16.995, 197.450)

Have a look what the booklet for
CIELCh(43, 16.995, 197.450)
contains.

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Color

CIELCh(43, 16.763, 197.488)

Conversions

Conversions Part 1

Format	Color
Hex	3E6D6D
RGB	62, 109, 109
RGB Percent	24%, 43%, 43%
CMY	0.7555, 0.5712, 0.5712
CMYK	0.43, 0.00, 0.00, 0.57
HSL	180°, 27%, 34%
HSV	180°, 43%, 43%
XYZ	10.2925, 13.1578, 16.5621
YIQ	94.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

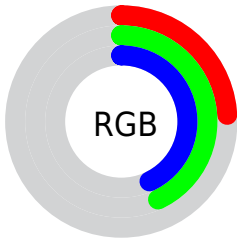
Format	Color
R_{YB}	62, 86, 109
Decimal	4091245
CIE _{Lab}	43.00, -15.99, -5.04
CIE _{LCh}	43, 16.763, 197.488
Yxy	13.1578, 0.2572, 0.3288
Android (android.graphics.Color)	4282281325 (0xFF3E6D6D)
YUV	94.9470, 6.9281, -28.8945
Hunter-Lab	36.2736, -12.8301, -1.6795

Details

The CIELCh color **43, 16.763, 197.488** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 22.366, 23.403**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 16.839, 196.029**, and **23, 16.675, 198.951** is the 20% darker color. If you saturate the color by 10%, you get **43, 19.684, 197.159**, and if you desaturate by 10%, it is **44, 13.405, 197.868**.

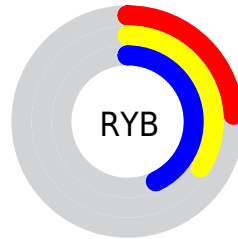
Distribution



Red (24%)

Green (43%)

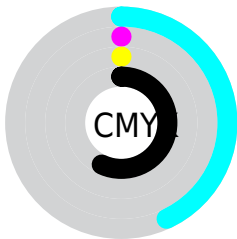
Blue (43%)



Red (24%)

Yellow (34%)

Blue (43%)

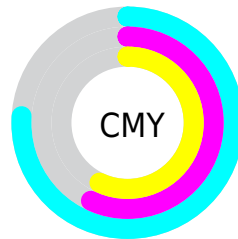


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (57%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 16.763, 197.488 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, 16.763, 197.488 by changing the saturation by 10% instead.

 43, 16.763,
197.488

 43, 16.763,
197.488

 100, 16.763,
197.488

 33, 16.763,
197.488

 63, 16.763,
197.488

 23, 16.763,
197.488

 73, 16.763,
197.488

 13, 16.763,
197.488


 83, 16.763,
197.488

 3, 16.763, 197.488

 93, 16.763,
197.488

 0, 16.763, 197.488

 43, 16.763,

 43, 16.763,

197.488

197.488

■ 43, 19.684,
197.159

■ 44, 13.405,
197.868

■ 42, 22.120,
196.890

■ 44, 9.669, 198.305

■ 42, 24.038,
196.681

■ 45, 5.620, 198.800

■ 46, 1.321, 199.512

■ 42, 25.431,
196.530

■ 47, 3.168, 19.666

■ 41, 26.330,
196.433

■ 48, 7.796, 20.291

■ 49, 12.516, 20.883

■ 41, 26.861,
196.376

■ 50, 17.290, 21.477

■ 51, 22.090, 22.073

Harmonies

Complementary

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



43, 16.763, 197.488



32, 22.366, 23.403

Rectangle

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



43, 16.763, 197.488



43, 16.763, 247.488



43, 16.763, 17.488



43, 16.763, 67.488

Sweetspot

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



43, 16.763, 197.485



58, 6.998, 198.781



42, 33.977, 140.983



29, 4.841, 198.690



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, 16.763, 197.485



55, 23.992, 197.145



36, 16.129, 260.573



22, 2.415, 199.028



44, 28.238, 196.376



88, 48.592, 196.375

Inverse Universe

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



32, 22.366, 23.403



39, 34.710, 25.234



38, 18.345, 68.644



21, 2.547, 19.846



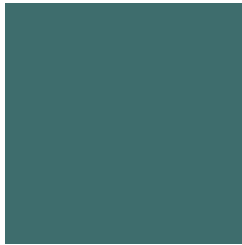
23, 56.950, 37.575



51, 101.388, 39.998

Previews

White Background



This preview shows how the CIELCh color 43, 16.763, 197.488 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, 16.763, 197.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

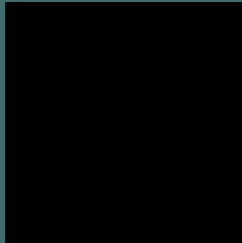
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.763, 197.488

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.763, 197.488.



This preview shows how white text looks on a background with the CIELCh color 43, 16.763, 197.488.

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, 16.763, 197.488

Protanopia

43, 1.861, 303.173

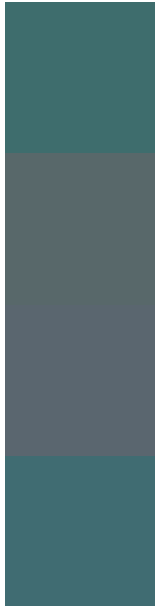
Deuteranopia

43, 9.075, 312.020



Tritanopia
43, 15.686, 218.213

Trichromacy



Original Color
43, 16.763, 197.488

Protanomaly
43, 6.383, 209.638

Deuteranomaly
42, 7.045, 249.650

Tritanomaly
43, 15.727, 211.121

Monochromacy



Original Color
43, 16.763, 197.488

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 6.767, 198.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.763, 197.488 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(62, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(62, 109, 109)  
}
```

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(62, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 109, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.763, 197.488 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(62, 109, 109) }
```

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

```
.border{ border-color:rgb(62, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(62, 109,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.763, 197.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 109, 109) }
```

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

```
.background{ background-color: rgb(62, 109,  
109) }
```

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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