

Converting Colors

CIELCh(43, 18.320, 197.352)

Have a look what the booklet for
CIELCh(43, 18.320, 197.352)
contains.

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Color

CIELCh(43, 18.426, 197.315)

Conversions

Conversions Part 1

Format	Color
Hex	396E6E
RGB	57, 110, 110
RGB Percent	22%, 43%, 43%
CMY	0.7763, 0.5685, 0.5685
CMYK	0.48, 0.00, 0.00, 0.57
HSL	180°, 32%, 33%
HSV	180°, 48%, 43%
XYZ	10.0862, 13.1578, 16.7708
YIQ	94.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

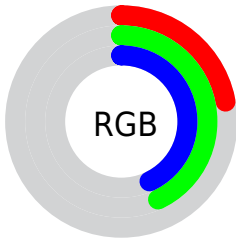
Format	Color
RYB	57, 84, 110
Decimal	3763822
CIELab	43.00, -17.59, -5.48
CIElCh	43, 18.426, 197.315
Yxy	13.1578, 0.2521, 0.3288
Android (android.graphics.Color)	4281953902 (0xFF396E6E)
YUV	94.1530, 7.8126, -32.5832
Hunter-Lab	36.2736, -13.8451, -2.0207

Details

The CIELCh color **43, 18.426, 197.315** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 25.591, 24.261**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 18.577, 197.809**, and **23, 18.065, 198.578** is the 20% darker color. If you saturate the color by 10%, you get **43, 21.113, 197.016**, and if you desaturate by 10%, it is **44, 15.272, 197.667**.

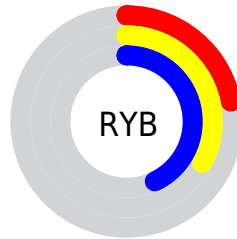
Distribution



Red (22%)

Green (43%)

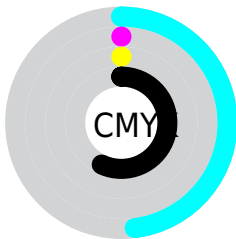
Blue (43%)



Red (22%)

Yellow (33%)

Blue (43%)

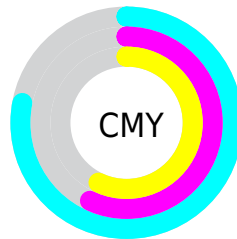


Cyan (48%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (78%)


Magenta (57%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.426, 197.315 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, 18.426, 197.315 by changing the saturation by 10% instead.


 43, 18.426,
197.315


 43, 18.426,
197.315


 100, 18.426,
197.315


 33, 18.426,
197.315

 63, 18.426,
197.315


 23, 18.426,
197.315

 73, 18.426,
197.315

 13, 18.426,
197.315


 83, 18.426,
197.315

 3, 18.426, 197.315

 93, 18.426,
197.315

 0, 18.426, 197.315

 43, 18.426,

 43, 18.426,

197.315

197.315

■ 43, 21.113,
197.016

■ 44, 15.272,
197.667

■ 42, 23.292,
196.779

■ 44, 11.707,
198.076

■ 42, 24.943,
196.601

■ 45, 7.792, 198.539

■ 42, 26.073,
196.480

■ 46, 3.593, 199.080

■ 47, 0.828, 19.070

■ 42, 26.842,
196.398

■ 48, 5.414, 19.983

■ 42, 26.981,
196.383

■ 49, 10.115, 20.581

■ 50, 14.891, 21.174

■ 51, 19.706, 21.769

Harmonies

Complementary

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



43, 18.426, 197.315



31, 25.591, 24.261

Rectangle

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



43, 18.426, 197.315



43, 18.426, 247.315



43, 18.426, 17.315



43, 18.426, 67.315

Sweetspot

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



43, 18.426, 197.313



58, 7.516, 198.731



42, 38.038, 140.491



29, 5.130, 198.646



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, 18.426, 197.313



55, 25.867, 196.980



35, 18.072, 261.809



23, 2.511, 199.027



45, 28.675, 196.383



89, 48.973, 196.382

Inverse Universe

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



31, 25.591, 24.261



37, 39.294, 26.560



37, 20.915, 68.040



22, 2.649, 19.856



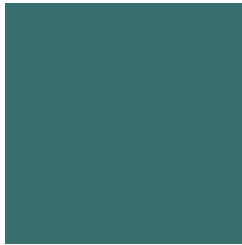
24, 58.000, 37.789



52, 102.189, 39.999

Previews

White Background



This preview shows how the CIELCh color 43, 18.426, 197.315 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, 18.426, 197.315 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

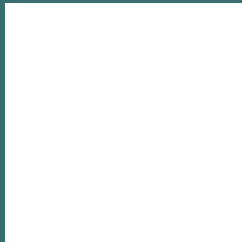
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 18.426, 197.315

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.426, 197.315.



This preview shows how white text looks on a background with the CIELCh color 43, 18.426, 197.315.

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, 18.426, 197.315

Protanopia

43, 1.861, 303.173

Deuteranopia

43, 9.639, 310.770



Tritanopia
43, 17.248, 216.122

Trichromacy



Original Color
43, 18.426, 197.315

Protanomaly
43, 7.119, 208.412

Deuteranomaly
42, 7.955, 248.545

Tritanomaly
43, 17.350, 209.671

Monochromacy



Original Color
43, 18.426, 197.315

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 7.521, 198.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.426, 197.315 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, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(57, 110, 110)  
}
```

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, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 110, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.426, 197.315 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, 110, 110) }
```

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

```
.border{ border-color:rgb(57, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(57, 110,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.426, 197.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 110, 110) }
```

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

```
.background{ background-color: rgb(57, 110,  
110) }
```

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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