

Converting Colors

CIELCh(43, 17.455, 182.132)

Have a look what the booklet for
CIELCh(43, 17.455, 182.132)
contains.

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Color

CIELCh(43, 17.562, 181.372)

Conversions

Conversions Part 1

Format	Color
Hex	416E66
RGB	65, 110, 102
RGB Percent	25%, 43%, 40%
CMY	0.7462, 0.5697, 0.6011
CMYK	0.41, 0.00, 0.07, 0.57
HSL	169°, 26%, 34%
HSV	169°, 41%, 43%
XYZ	10.0906, 13.1578, 14.5050
YIQ	95.6330, -24.2520, -12.0280

Conversions

Conversions Part 2

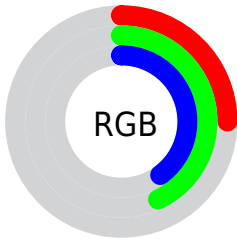
Format	Color
RYB	65, 90, 110
Decimal	4288102
CIELab	43.00, -17.56, -0.42
CIELCh	43, 17.562, 181.372
Yxy	13.1578, 0.2673, 0.3485
Android (android.graphics.Color)	4282478182 (0xFF416E66)
YUV	95.6330, 3.1389, -26.8651
Hunter-Lab	36.2736, -13.8237, 1.6829

Details

The CIELCh color **43, 17.562, 181.372** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 20.964, 9.677**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 17.743, 181.298**, and **23, 17.602, 180.919** is the 20% darker color. If you saturate the color by 10%, you get **42, 21.126, 180.355**, and if you desaturate by 10%, it is **44, 13.646, 182.325**.

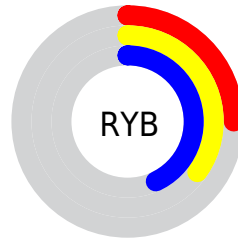
Distribution



Red (25%)

Green (43%)

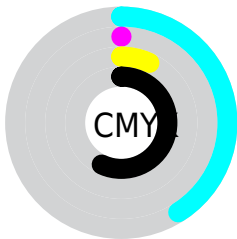
Blue (40%)



Red (25%)

Yellow (35%)

Blue (43%)

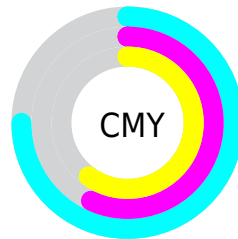


Cyan (41%)

Magenta (0%)

Yellow (7%)

Black (57%)



Cyan (75%)


Magenta (57%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 17.562, 181.372 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, 17.562, 181.372 by changing the saturation by 10% instead.


 43, 17.562,
181.372


 43, 17.562,
181.372


 100, 17.562,
181.372


 33, 17.562,
181.372

 63, 17.562,
181.372


 23, 17.562,
181.372

 73, 17.562,
181.372

 13, 17.562,
181.372


 83, 17.562,
181.372

 3, 17.562, 181.372

 93, 17.562,
181.372

 0, 17.562, 181.372

 43, 17.562,

 43, 17.562,

181.372

181.372

■ 42, 21.126,
180.355

■ 44, 13.646,
182.325

■ 42, 24.273,
179.263

■ 44, 9.446, 183.234

■ 42, 26.952,
178.076

■ 45, 5.031, 184.124

■ 46, 0.465, 185.599

■ 41, 29.133,
176.775

■ 47, 4.197, 5.599

■ 41, 30.817,
175.341

■ 48, 8.909, 6.413

■ 50, 13.632, 7.175

■ 41, 32.139,
174.048

■ 51, 18.337, 7.908

■ 52, 23.001, 8.620

Harmonies

Complementary

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



43, 17.562, 181.372



33, 20.964, 9.677

Rectangle

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



43, 17.562, 181.372



43, 17.562, 231.372



43, 17.562, 1.372



43, 17.562, 51.372

Sweetspot

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



43, 17.562, 181.370



58, 6.794, 184.006



43, 30.928, 137.106



29, 4.470, 183.928



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, 17.562, 181.370



55, 25.255, 180.427



39, 13.706, 238.261



23, 2.625, 184.305



45, 34.299, 173.869



88, 59.301, 172.821

Inverse Universe

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



33, 20.964, 9.677



40, 31.507, 11.377



36, 17.329, 51.153



22, 2.721, 5.670



24, 52.898, 28.848



52, 93.080, 32.108

Previews

White Background



This preview shows how the CIELCh color 43, 17.562, 181.372 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 CIE LCh color 43, 17.562, 181.372 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, 17.562, 181.372

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.562, 181.372.



This preview shows how white text looks on a background with the CIELCh color 43, 17.562, 181.372.

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, 17.562, 181.372

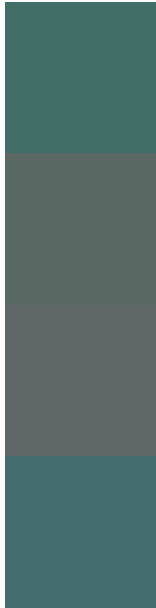
Protanopia
43, 2.701, 81.872

Deuteranopia
43, 6.173, 344.474



Tritanopia
43, 14.471, 217.522

Trichromacy



Original Color
43, 17.562, 181.372

Protanomaly
43, 6.491, 171.002

Deuteranomaly
43, 3.278, 209.732

Tritanomaly
43, 15.147, 202.293

Monochromacy



Original Color
43, 17.562, 181.372

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 6.756, 182.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.562, 181.372 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(65, 110, 102)` looks like.

```
.text, #text, p{  
    color:rgb(65, 110, 102)  
}
```

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(65, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 110, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.562, 181.372 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(65, 110, 102) }
```

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

```
.border{ border-color:rgb(65, 110, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(65, 110,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.562, 181.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 110, 102) }
```

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

```
.background{ background-color: rgb(65, 110,  
102) }
```

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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