

Converting Colors

CIELCh(43, 17.531, 232.764)

Have a look what the booklet for
CIELCh(43, 17.531, 232.764)
contains.

CIELCh(43, 17.437, 231.790)	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, 17.437, 231.790)

Conversions

Conversions Part 1

Format	Color
Hex	3F6C7C
RGB	63, 108, 124
RGB Percent	25%, 42%, 49%
CMY	0.7541, 0.5776, 0.5149
CMYK	0.49, 0.13, 0.00, 0.51
HSL	196°, 33%, 37%
HSV	196°, 49%, 49%
XYZ	10.9814, 13.1578, 20.9302
YIQ	96.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

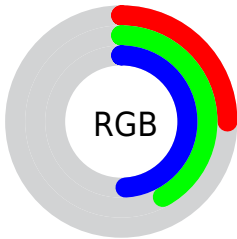
Format	Color
RYB	63, 89, 124
Decimal	4156540
CIELab	43.00, -10.79, -13.70
CIELCh	43, 17.437, 231.790
Yxy	13.1578, 0.2437, 0.2919
Android (android.graphics.Color)	4282346620 (0xFF3F6C7C)
YUV	96.3690, 13.6221, -29.2646
Hunter-Lab	36.2736, -9.4401, -8.8192

Details

The CIELCh color **43, 17.437, 231.790** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 24.231, 45.451**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 17.462, 233.837**, and **23, 17.430, 230.020** is the 20% darker color. If you saturate the color by 10%, you get **41, 20.049, 233.711**, and if you desaturate by 10%, it is **45, 14.453, 230.271**.

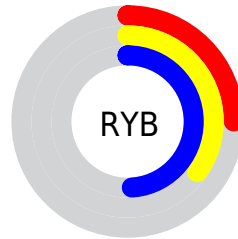
Distribution



Red (25%)

Green (42%)

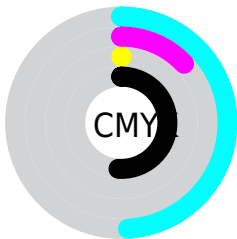
Blue (49%)



Red (25%)

Yellow (35%)

Blue (49%)

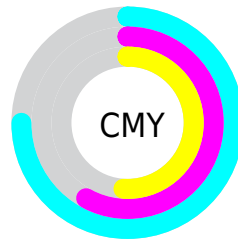


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (51%)



Cyan (75%)


Magenta (58%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 17.437, 231.790 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, 17.437, 231.790 by changing the saturation by 10% instead.


 43, 17.437,
231.790


 43, 17.437,
231.790


 100, 17.437,
231.790


 33, 17.437,
231.790

 63, 17.437,
231.790


 23, 17.437,
231.790

 73, 17.437,
231.790

 13, 17.437,
231.790


 83, 17.437,
231.790

 3, 17.437, 231.790

 93, 17.437,
231.790

 0, 17.437, 231.790

 43, 17.437,

 43, 17.437,

231.790

■ 41, 20.049,
233.711

■ 40, 22.262,
236.121

■ 39, 24.074,
239.098

■ 37, 25.521,
242.701

■ 36, 26.787,
246.673

■ 36, 26.879,
246.936

231.790

■ 45, 14.453,
230.271

■ 46, 11.141,
229.086

■ 48, 7.550, 228.175

■ 50, 3.728, 227.508

■ 52, 0.278, 45.541

■ 54, 4.428, 46.361

■ 56, 8.688, 46.088

■ 58, 13.026, 45.871

■ 60, 17.421, 45.711

Harmonies

Complementary

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



43, 17.437, 231.790



38, 24.231, 45.451

Rectangle

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



43, 17.437, 231.790



43, 17.437, 281.790



43, 17.437, 51.790



43, 17.437, 101.790

Sweetspot

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



43, 17.437, 231.788



63, 7.334, 227.881



47, 36.053, 148.091



32, 5.021, 228.006



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 17.437, 231.788



53, 24.566, 233.952



34, 28.870, 285.236



25, 2.237, 227.495



36, 27.082, 246.989



71, 46.353, 249.759

Inverse Universe

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



36, 35.890, 336.236



43, 51.777, 337.167



46, 27.674, 91.341



24, 4.105, 333.335



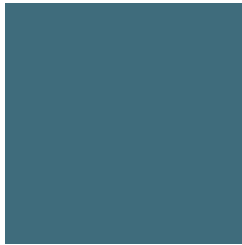
27, 56.132, 341.602



56, 93.609, 342.536

Previews

White Background



This preview shows how the CIELCh color 43, 17.437, 231.790 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, 17.437, 231.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

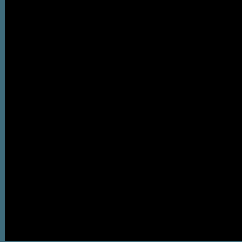
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

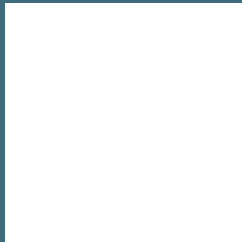
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 17.437, 231.790

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.437, 231.790.

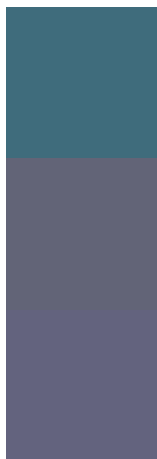


This preview shows how white text looks on a background with the CIELCh color 43, 17.437, 231.790.

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, 17.437, 231.790

Protanopia

43, 11.460, 288.011

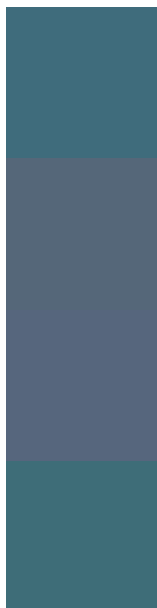
Deuteranopia

43, 16.280, 292.509



Tritanopia
43, 16.995, 216.432

Trichromacy



Original Color
43, 17.437, 231.790

Protanomaly
43, 12.473, 259.820

Deuteranomaly
43, 14.806, 269.230

Tritanomaly
43, 16.967, 220.924

Monochromacy



Original Color
43, 17.437, 231.790

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.115, 229.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.437, 231.790 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(63, 108, 124)` looks like.

```
.text, #text, p{  
    color:rgb(63, 108, 124)  
}
```

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(63, 108, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 108, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.437, 231.790 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(63, 108, 124) }
```

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

```
.border{ border-color:rgb(63, 108, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 108, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 108, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 108, 124);  
box-shadow:4px 4px 4px 4px rgb(63, 108,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.437, 231.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 108, 124) }
```

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

```
.background{ background-color: rgb(63, 108,  
124) }
```

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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