

Converting Colors

CIELCh(43, 18.990, 230.558)

Have a look what the booklet for
CIELCh(43, 18.990, 230.558)
contains.

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Color

CIELCh(43, 18.952, 230.847)

Conversions

Conversions Part 1

Format	Color
Hex	396C7D
RGB	57, 108, 125
RGB Percent	22%, 42%, 49%
CMY	0.7752, 0.5753, 0.5086
CMYK	0.54, 0.14, 0.00, 0.51
HSL	195°, 37%, 36%
HSV	195°, 54%, 49%
XYZ	10.8225, 13.1578, 21.4764
YIQ	94.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

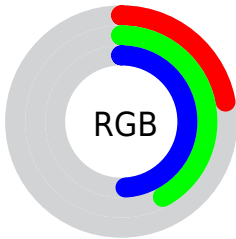
Format	Color
RYB	57, 86, 125
Decimal	3763325
CIELab	43.00, -11.97, -14.70
CIElCh	43, 18.952, 230.847
Yxy	13.1578, 0.2381, 0.2895
Android (android.graphics.Color)	4281953405 (0xFF396C7D)
YUV	94.6890, 14.9433, -33.0533
Hunter-Lab	36.2736, -10.2223, -9.7120

Details

The CIELCh color **43, 18.952, 230.847** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 27.610, 44.372**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 19.142, 232.260**, and **23, 18.167, 231.033** is the 20% darker color. If you saturate the color by 10%, you get **42, 21.354, 232.899**, and if you desaturate by 10%, it is **45, 16.144, 229.226**.

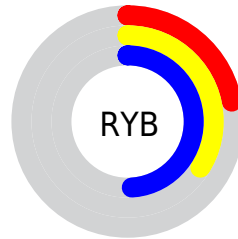
Distribution



Red (22%)

Green (42%)

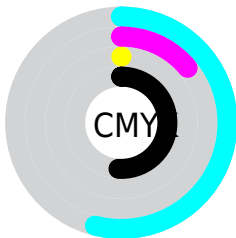
Blue (49%)



Red (22%)

Yellow (34%)

Blue (49%)

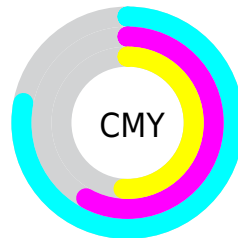


Cyan (54%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (58%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 18.952, 230.847 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, 18.952, 230.847 by changing the saturation by 10% instead.

 43, 18.952,
230.847


 43, 18.952,
230.847


 100, 18.952,
230.847

 33, 18.952,
230.847

 63, 18.952,
230.847


 23, 18.952,
230.847

 73, 18.952,
230.847

 13, 18.952,
230.847


 83, 18.952,
230.847

 3, 18.952, 230.847

 93, 18.952,
230.847

 0, 18.952, 230.847

 43, 18.952,

 43, 18.952,

230.847

230.847

■ 42, 21.354,
232.899

■ 45, 16.144,
229.226

■ 40, 23.331,
235.467

■ 46, 12.969,
227.964

■ 39, 24.896,
238.627

■ 48, 9.476, 226.993

■ 38, 26.115,
242.399

■ 50, 5.719, 226.266

■ 52, 1.746, 225.844

■ 37, 26.801,
244.589

■ 54, 2.398, 45.045

■ 56, 6.671, 44.830

■ 58, 11.042, 44.625

■ 60, 15.483, 44.477

Harmonies

Complementary

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



43, 18.952, 230.847



37, 27.610, 44.372

Rectangle

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



43, 18.952, 230.847



43, 18.952, 280.847



43, 18.952, 50.847



43, 18.952, 100.847

Sweetspot

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



43, 18.951, 230.846



63, 7.926, 226.402



47, 39.807, 147.475



32, 5.302, 226.514



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, 18.951, 230.846



53, 26.482, 233.441



33, 32.328, 286.415



26, 2.321, 225.988



38, 27.149, 244.677



0, 0.000, 0.000

Inverse Universe

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



35, 39.816, 336.116



42, 56.961, 337.161



46, 30.728, 90.703



25, 4.284, 332.878



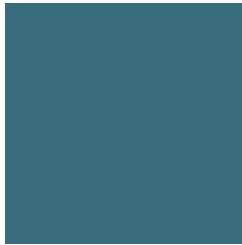
28, 57.401, 340.856



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 18.952, 230.847 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, 18.952, 230.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

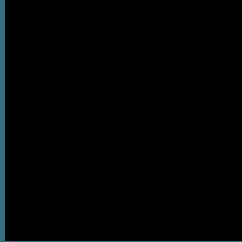
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 18.952, 230.847

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.952, 230.847.

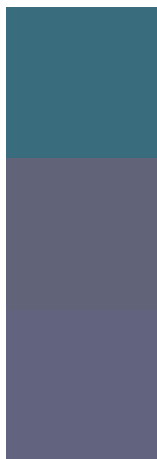


This preview shows how white text looks on a background with the CIELCh color 43, 18.952, 230.847.

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, 18.952, 230.847

Protanopia

43, 12.082, 286.514

Deuteranopia

43, 16.884, 290.103



Tritanopia
43, 18.466, 214.746

Trichromacy



Original Color
43, 18.952, 230.847

Protanomaly
43, 13.303, 258.804

Deuteranomaly
43, 15.715, 266.794

Tritanomaly
43, 18.518, 220.806

Monochromacy



Original Color
43, 18.952, 230.847

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 8.077, 225.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.952, 230.847 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, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(57, 108, 125)  
}
```

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, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 108, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.952, 230.847 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, 108, 125) }
```

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

```
.border{ border-color:rgb(57, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(57, 108,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.952, 230.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 108, 125) }
```

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

```
.background{ background-color: rgb(57, 108,  
125) }
```

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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