

Converting Colors

CIELCh(43, 18.761, 181.868)

Have a look what the booklet for
CIELCh(43, 18.761, 181.868)
contains.

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Color

CIELCh(43, 18.730, 182.239)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E66
RGB	61, 110, 102
RGB Percent	24%, 43%, 40%
CMY	0.7600, 0.5678, 0.5992
CMYK	0.44, 0.00, 0.07, 0.57
HSL	170°, 29%, 34%
HSV	170°, 44%, 43%
XYZ	9.9432, 13.1578, 14.6380
YIQ	94.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

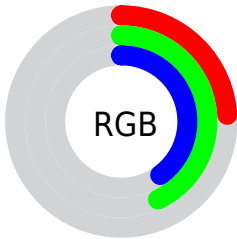
Format	Color
R _Y B	61, 88, 110
Decimal	4025958
CIE Lab	43.00, -18.72, -0.73
CIE LCh	43, 18.730, 182.239
Yxy	13.1578, 0.2635, 0.3487
Android (android.graphics.Color)	4282216038 (0xFF3D6E66)
YUV	94.4370, 3.7286, -29.3242
Hunter-Lab	36.2736, -14.5492, 1.4655

Details

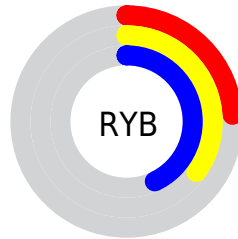
The CIELCh color **43, 18.730, 182.239** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 22.924, 11.362**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 18.667, 182.042**, and **23, 18.761, 181.688** is the 20% darker color. If you saturate the color by 10%, you get **42, 22.111, 181.234**, and if you desaturate by 10%, it is **44, 14.966, 183.181**.

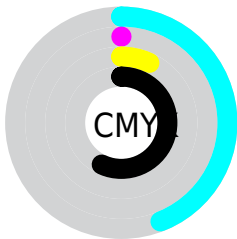
Distribution



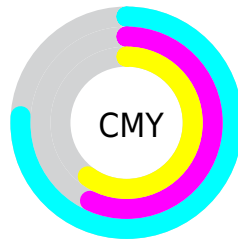
- Red (24%)
- Green (43%)
- Blue (40%)



- Red (24%)
- Yellow (35%)
- Blue (43%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)




- Cyan (76%)
- Magenta (57%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.730, 182.239 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, 18.730, 182.239 by changing the saturation by 10% instead.

 43, 18.730,
182.239


 43, 18.730,
182.239


 100, 18.730,
182.239


 33, 18.730,
182.239

 63, 18.730,
182.239


 23, 18.730,
182.239

 73, 18.730,
182.239

 13, 18.730,
182.239


 83, 18.730,
182.239

 3, 18.730, 182.239

 93, 18.730,
182.239

 0, 18.730, 182.239

 43, 18.730,

 43, 18.730,

182.239

182.239

■ 42, 22.111,
181.234

■ 44, 14.966,
183.181

■ 42, 25.048,
180.155

■ 44, 10.885,
184.081

■ 42, 27.498,
178.983

■ 45, 6.559, 184.954

■ 41, 29.441,
177.699

■ 46, 2.052, 185.888

■ 47, 2.577, 6.388

■ 41, 30.923,
176.302

■ 48, 7.277, 7.244

■ 41, 31.701,
175.552

■ 49, 12.006, 8.013

■ 51, 16.732, 8.752

■ 52, 21.430, 9.468

Harmonies

Complementary

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



43, 18.730, 182.239



32, 22.924, 11.362

Rectangle

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



43, 18.730, 182.239



43, 18.730, 232.239



43, 18.730, 2.239



43, 18.730, 52.239

Sweetspot

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



43, 18.730, 182.237



58, 7.304, 185.052



42, 33.743, 137.308



29, 5.061, 184.901



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, 18.730, 182.237



54, 26.618, 181.240



38, 14.849, 241.273



23, 2.609, 185.435



45, 33.715, 175.392



88, 58.226, 174.395

Inverse Universe

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



32, 22.924, 11.362



39, 34.235, 13.335



36, 19.020, 52.734



22, 2.709, 6.777



24, 53.376, 29.887



52, 93.985, 33.065

Previews

White Background



This preview shows how the CIELCh color 43, 18.730, 182.239 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, 18.730, 182.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

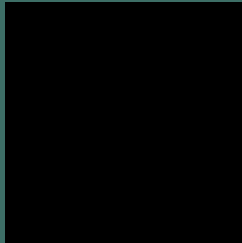
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 18.730, 182.239

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.730, 182.239.



This preview shows how white text looks on a background with the CIELCh color 43, 18.730, 182.239.

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, 18.730, 182.239

Protanopia

43, 2.701, 81.872

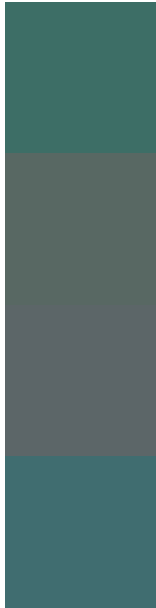
Deuteranopia

43, 6.224, 337.635



Tritanopia
43, 15.686, 218.213

Trichromacy



Original Color
43, 18.730, 182.239

Protanomaly
43, 7.199, 173.787

Deuteranomaly
42, 4.160, 215.912

Tritanomaly
43, 15.994, 204.160

Monochromacy



Original Color
43, 18.730, 182.239

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 7.492, 184.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.730, 182.239 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(61, 110, 102)` looks like.

```
.text, #text, p{  
    color:rgb(61, 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(61, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 110, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.730, 182.239 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(61, 110, 102) }
```

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

```
.border{ border-color:rgb(61, 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(61, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(61, 110,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.730, 182.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 110, 102) }
```

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

```
.background{ background-color: rgb(61, 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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