

Converting Colors

CIELCh(41, 16.411, 216.449)

Have a look what the booklet for
CIELCh(41, 16.411, 216.449)
contains.

CIELCh(41, 16.375, 215.066)	3
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Color

CIELCh(41, 16.375, 215.066)

Conversions

Conversions Part 1

Format	Color
Hex	3A6870
RGB	58, 104, 112
RGB Percent	23%, 41%, 44%
CMY	0.7742, 0.5938, 0.5624
CMYK	0.48, 0.07, 0.00, 0.56
HSL	189°, 32%, 33%
HSV	189°, 48%, 44%
XYZ	9.5302, 11.8645, 16.9949
YIQ	91.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

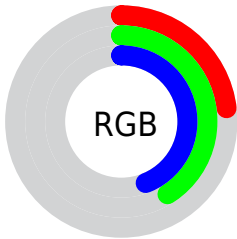
Format	Color
RYB	58, 83, 112
Decimal	3827824
CIELab	41.00, -13.40, -9.41
CIELCh	41, 16.375, 215.066
Yxy	11.8645, 0.2482, 0.3091
Android (android.graphics.Color)	4282017904 (0xFF3A6870)
YUV	91.1580, 10.2751, -29.0796
Hunter-Lab	34.4449, -10.8913, -5.1419

Details

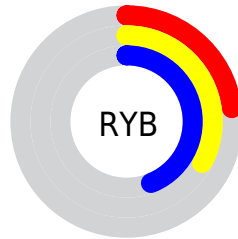
The CIELCh color **41, 16.375, 215.066** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 23.213, 35.161**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 16.348, 216.296**, and **21, 16.332, 213.850** is the 20% darker color. If you saturate the color by 10%, you get **40, 18.741, 215.899**, and if you desaturate by 10%, it is **42, 13.591, 214.468**.

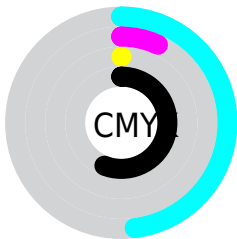
Distribution



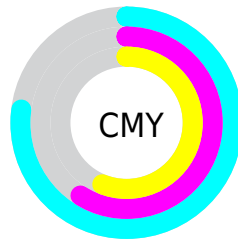
- Red (23%)
- Green (41%)
- Blue (44%)



- Red (23%)
- Yellow (33%)
- Blue (44%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)





- Cyan (77%)
- Magenta (59%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.375, 215.066 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 41, 16.375, 215.066 by changing the saturation by 10% instead.


 41, 16.375,
215.066


 41, 16.375,
215.066


 100, 16.375,
215.066


 31, 16.375,
215.066

 61, 16.375,
215.066


 21, 16.375,
215.066

 71, 16.375,
215.066


 11, 16.375,
215.066


 81, 16.375,
215.066

 1, 16.375, 215.066

 91, 16.375,
215.066

 0, 16.375, 215.066

 41, 16.375,

 41, 16.375,

215.066

■ 40, 18.741,
215.899

■ 39, 20.646,
217.022

■ 38, 22.068,
218.488

■ 37, 23.011,
220.351

■ 37, 23.641,
222.498

■ 37, 23.744,
222.833

215.066

■ 42, 13.591,
214.468

■ 43, 10.442,
214.070

■ 45, 6.984, 213.837

■ 46, 3.274, 213.771

■ 47, 0.637, 33.069

■ 49, 4.703, 33.611

■ 50, 8.885, 33.758

■ 52, 13.151, 33.929

■ 53, 17.472, 34.126

Harmonies

Complementary

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



41, 16.375, 215.066



33, 23.213, 35.161

Rectangle

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



41, 16.375, 215.066



41, 16.375, 265.066



41, 16.375, 35.066



41, 16.375, 85.066

Sweetspot

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



41, 16.375, 215.064



58, 7.132, 213.797



42, 35.485, 144.466



30, 4.882, 213.817



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 16.375, 215.064



52, 22.966, 216.012



33, 22.242, 276.613



23, 2.199, 213.768



39, 24.979, 223.068



78, 42.587, 224.820

Inverse Universe

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



33, 35.033, 331.607



40, 50.832, 332.278



40, 22.867, 82.258



22, 4.138, 329.257



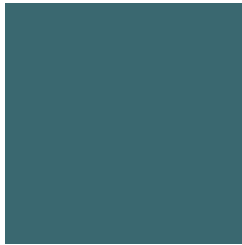
27, 59.143, 334.861



57, 100.377, 335.304

Previews

White Background



This preview shows how the CIELCh color 41, 16.375, 215.066 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 41, 16.375, 215.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

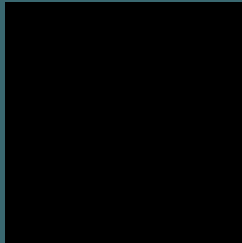
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.375, 215.066

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.375, 215.066.



This preview shows how white text looks on a background with the CIELCh color 41, 16.375, 215.066.

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


41, 16.375, 215.066

Protanopia

41, 6.081, 287.327

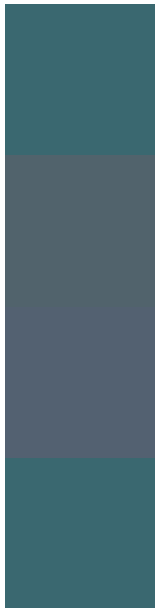
Deuteranopia

41, 12.249, 297.437



Tritanopia
41, 16.375, 215.066

Trichromacy



Original Color
41, 16.375, 215.066

Protanomaly
41, 8.641, 238.208

Deuteranomaly
41, 10.899, 262.784

Tritanomaly
41, 16.375, 215.066

Monochromacy



Original Color
41, 16.375, 215.066

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.820, 208.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.375, 215.066 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(58, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(58, 104, 112)  
}
```

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(58, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 104, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.375, 215.066 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(58, 104, 112) }
```

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

```
.border{ border-color:rgb(58, 104, 112) }
```

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

Here you see how a box with a 4 pixel rgb(58, 104, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(58, 104,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.375, 215.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 104, 112) }
```

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

```
.background{ background-color: rgb(58, 104,  
112) }
```

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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