

Converting Colors

CIELCh(41, 15.310, 216.424)

Have a look what the booklet for
CIELCh(41, 15.310, 216.424)
contains.

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Color

CIELCh(41, 15.310, 216.449)

Conversions

Conversions Part 1

Format	Color
Hex	3D676F
RGB	61, 103, 111
RGB Percent	24%, 40%, 44%
CMY	0.7604, 0.5957, 0.5643
CMYK	0.45, 0.07, 0.00, 0.56
HSL	190°, 29%, 34%
HSV	190°, 45%, 44%
XYZ	9.6647, 11.8645, 16.8476
YIQ	91.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

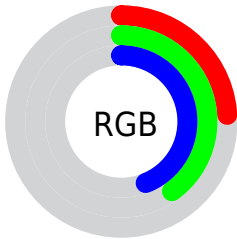
Format	Color
RYB	61, 84, 111
Decimal	4024175
CIELab	41.00, -12.32, -9.10
CIElCh	41, 15.310, 216.449
Yxy	11.8645, 0.2518, 0.3092
Android (android.graphics.Color)	4282214255 (0xFF3D676F)
YUV	91.3540, 9.6855, -26.6205
Hunter-Lab	34.4449, -10.1943, -4.8883

Details

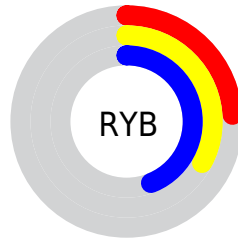
The CIELCh color **41, 15.310, 216.449** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 21.059, 35.940**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 15.199, 217.830**, and **21, 15.260, 215.278** is the 20% darker color. If you saturate the color by 10%, you get **40, 17.805, 217.295**, and if you desaturate by 10%, it is **42, 12.421, 215.837**.

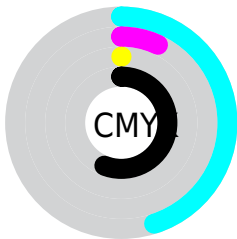
Distribution



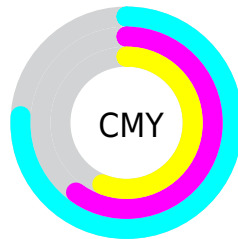
- Red (24%)
- Green (40%)
- Blue (44%)



- Red (24%)
- Yellow (33%)
- Blue (44%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)





- Cyan (76%)
- Magenta (60%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 15.310, 216.449 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, 15.310, 216.449 by changing the saturation by 10% instead.


 41, 15.310,
216.449


 41, 15.310,
216.449


 100, 15.310,
216.449


 31, 15.310,
216.449

 61, 15.310,
216.449


 21, 15.310,
216.449

 71, 15.310,
216.449


 11, 15.310,
216.449


 81, 15.310,
216.449

 1, 15.310, 216.449

 91, 15.310,
216.449

 0, 15.310, 216.449

 41, 15.310,

 41, 15.310,

216.449

216.449

■ 40, 17.805,
217.295

■ 42, 12.421,
215.837

■ 39, 19.863,
218.435

■ 43, 9.194, 215.426

■ 38, 21.452,
219.922

■ 45, 5.684, 215.183

■ 46, 1.944, 215.161

■ 37, 22.569,
221.816

■ 48, 1.977, 34.748

■ 36, 23.281,
224.122

■ 49, 6.037, 34.899

■ 51, 10.200, 35.011

■ 36, 23.616,
225.276

■ 52, 14.436, 35.153

■ 54, 18.721, 35.323

Harmonies

Complementary

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



41, 15.310, 216.449



34, 21.059, 35.940

Rectangle

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



41, 15.310, 216.449



41, 15.310, 266.449



41, 15.310, 36.449



41, 15.310, 86.449

Sweetspot

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



41, 15.310, 216.446



58, 6.621, 215.174



42, 32.612, 145.339



30, 4.585, 215.202



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, 15.310, 216.446



52, 21.735, 217.341



33, 21.024, 277.161



23, 2.181, 215.124



39, 24.924, 225.549



77, 42.545, 227.459

Inverse Universe

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



33, 32.368, 331.831



41, 47.467, 332.479



41, 21.373, 84.145



22, 4.103, 329.652



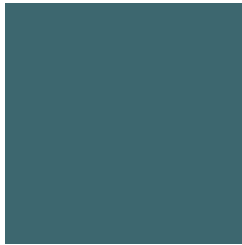
26, 58.622, 335.490



56, 99.445, 335.982

Previews

White Background



This preview shows how the CIELCh color 41, 15.310, 216.449 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 41, 15.310, 216.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

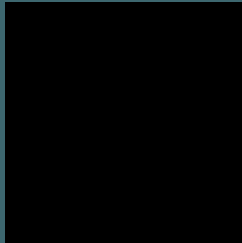
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

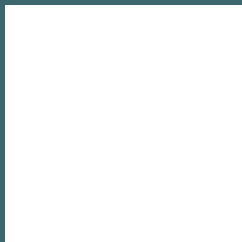
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 15.310, 216.449

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.310, 216.449.



This preview shows how white text looks on a background with the CIELCh color 41, 15.310, 216.449.

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, 15.310, 216.449

Protanopia

41, 6.081, 287.327

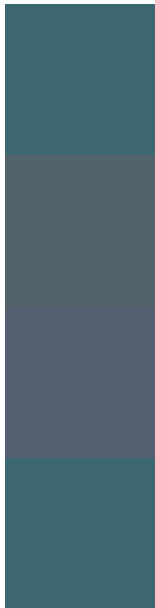
Deuteranopia

41, 11.694, 299.567



Tritanopia
41, 15.310, 216.449

Trichromacy



Original Color
41, 15.310, 216.449

Protanomaly
41, 8.094, 241.509

Deuteranomaly
41, 10.060, 264.619

Tritanomaly
41, 15.310, 216.449

Monochromacy



Original Color
41, 15.310, 216.449

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.194, 216.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.310, 216.449 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, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(61, 103, 111)  
}
```

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, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 103, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.310, 216.449 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, 103, 111) }
```

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

```
.border{ border-color:rgb(61, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(61, 103,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.310, 216.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 103, 111) }
```

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

```
.background{ background-color: rgb(61, 103,  
111) }
```

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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