

Converting Colors

CIELCh(41, 16.975, 171.868)

Have a look what the booklet for
CIELCh(41, 16.975, 171.868)
contains.

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Color

CIELCh(41, 16.975, 171.868)

Conversions

Conversions Part 1

Format	Color
Hex	41685C
RGB	65, 104, 92
RGB Percent	25%, 41%, 36%
CMY	0.7441, 0.5911, 0.6382
CMYK	0.37, 0.00, 0.12, 0.59
HSL	162°, 23%, 33%
HSV	162°, 37%, 41%
XYZ	9.1176, 11.8645, 11.9945
YIQ	90.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

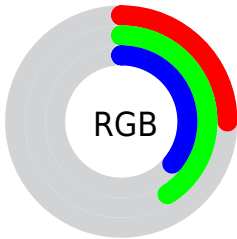
Format	Color
RYB	65, 88, 104
Decimal	4286556
CIELab	41.00, -16.80, 2.40
CIELCh	41, 16.975, 171.868
Yxy	11.8645, 0.2765, 0.3598
Android (android.graphics.Color)	4282476636 (0xFF41685C)
YUV	90.9710, 0.5073, -22.7766
Hunter-Lab	34.4449, -13.0293, 3.4654

Details

The CIELCh color **41, 16.975, 171.868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 18.795, 359.476**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 16.687, 171.814**, and **21, 17.207, 170.658** is the 20% darker color. If you saturate the color by 10%, you get **40, 21.049, 170.712**, and if you desaturate by 10%, it is **42, 12.645, 172.926**.

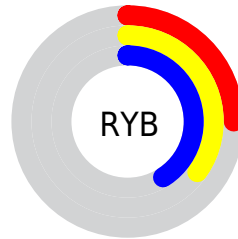
Distribution



Red (25%)

Green (41%)

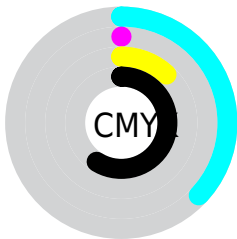
Blue (36%)



Red (25%)

Yellow (35%)

Blue (41%)

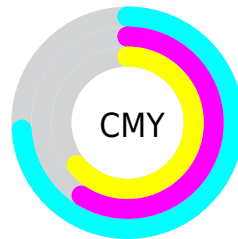


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (59%)



Cyan (74%)


Magenta (59%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.975, 171.868 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, 16.975, 171.868 by changing the saturation by 10% instead.


 41, 16.975,
171.868


 41, 16.975,
171.868


 100, 16.975,
171.868


 31, 16.975,
171.868

 61, 16.975,
171.868


 21, 16.975,
171.868

 71, 16.975,
171.868


 11, 16.975,
171.868


 81, 16.975,
171.868

 1, 16.975, 171.868

 91, 16.975,
171.868

 0, 16.975, 171.868

 41, 16.975,

 41, 16.975,

171.868

171.868

■ 40, 21.049,
170.712

■ 42, 12.645,
172.926

■ 40, 24.795,
169.444

■ 43, 8.126, 173.912

■ 39, 28.153,
168.040

■ 43, 3.484, 174.867

■ 44, 1.226, 355.391

■ 39, 31.075,
166.481

■ 45, 5.956, 356.384

■ 39, 33.541,
164.749

■ 47, 10.668,
357.167

■ 39, 35.681,
162.939

■ 48, 15.334,
357.901

■ 39, 36.237,
162.503

■ 49, 19.932,
358.599

■ 50, 24.447,
359.266

Harmonies

Complementary

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



41, 16.975, 171.868



33, 18.795, 359.476

Rectangle

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



41, 16.975, 171.868



41, 16.975, 221.868



41, 16.975, 351.868



41, 16.975, 41.868

Sweetspot

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



41, 16.976, 171.866



55, 6.384, 174.492



41, 26.025, 133.508



28, 4.320, 174.403



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 16.976, 171.866



52, 24.791, 170.851



39, 12.335, 219.031



21, 2.589, 174.722



42, 38.941, 162.245



85, 69.072, 160.832

Inverse Universe

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



33, 18.795, 359.476



39, 28.135, 0.852



34, 15.868, 37.707



19, 2.652, 356.138



23, 47.882, 17.756



51, 84.507, 21.467

Previews

White Background



This preview shows how the CIELCh color 41, 16.975, 171.868 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, 16.975, 171.868 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, 16.975, 171.868

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.975, 171.868.



This preview shows how white text looks on a background with the CIELCh color 41, 16.975, 171.868.

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, 16.975, 171.868

Protanopia

41, 5.131, 89.703

Deuteranopia

41, 5.672, 7.836



Tritanopia
41, 12.768, 220.626

Trichromacy



Original Color
41, 16.975, 171.868

Protanomaly
41, 7.466, 151.591

Deuteranomaly
41, 3.110, 163.255

Tritanomaly
41, 13.042, 200.553

Monochromacy



Original Color
41, 16.975, 171.868

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.580, 170.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.975, 171.868 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(65, 104, 92)` looks like.

```
.text, #text, p{  
    color:rgb(65, 104, 92)  
}
```

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(65, 104, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 104, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.975, 171.868 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(65, 104, 92) }
```

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

```
.border{ border-color:rgb(65, 104, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 104, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 104, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 104, 92);  
box-shadow:4px 4px 4px 4px rgb(65, 104,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.975, 171.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 104, 92) }
```

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

```
.background{ background-color: rgb(65, 104,  
92) }
```

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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