

Converting Colors

CIELCh(41, 16.633, 214.761)

Have a look what the booklet for
CIELCh(41, 16.633, 214.761)
contains.

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Color

CIELCh(41, 16.633, 214.761)

Conversions

Conversions Part 1

Format	Color
Hex	396870
RGB	57, 104, 112
RGB Percent	22%, 41%, 44%
CMY	0.7777, 0.5933, 0.5620
CMYK	0.49, 0.07, 0.00, 0.56
HSL	189°, 33%, 33%
HSV	189°, 49%, 44%
XYZ	9.4980, 11.8645, 17.0307
YIQ	90.8590, -30.5800, -7.4760

Conversions

Conversions Part 2

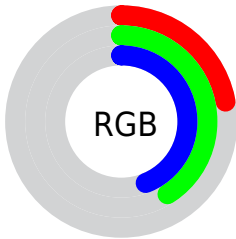
Format	Color
RYB	57, 82, 112
Decimal	3762288
CIELab	41.00, -13.66, -9.48
CIElCh	41, 16.633, 214.761
Yxy	11.8645, 0.2474, 0.3090
Android (android.graphics.Color)	4281952368 (0xFF396870)
YUV	90.8590, 10.4225, -29.6943
Hunter-Lab	34.4449, -11.0582, -5.2035

Details

The CIELCh color **41, 16.633, 214.761** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 23.756, 35.008**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 16.634, 215.951**, and **21, 16.626, 213.496** is the 20% darker color. If you saturate the color by 10%, you get **40, 18.965, 215.592**, and if you desaturate by 10%, it is **42, 13.877, 214.165**.

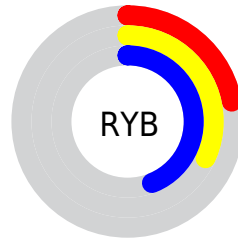
Distribution



Red (22%)

Green (41%)

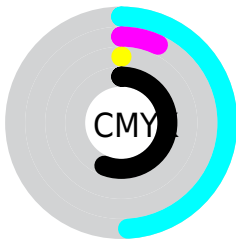
Blue (44%)



Red (22%)

Yellow (32%)

Blue (44%)

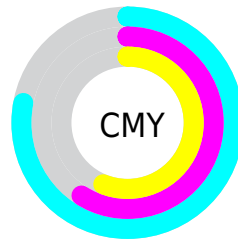


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (56%)



Cyan (78%)


Magenta (59%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.633, 214.761 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, 16.633, 214.761 by changing the saturation by 10% instead.


 41, 16.633,
214.761


 41, 16.633,
214.761


 100, 16.633,
214.761


 31, 16.633,
214.761

 61, 16.633,
214.761


 21, 16.633,
214.761

 71, 16.633,
214.761


 11, 16.633,
214.761


 81, 16.633,
214.761

 1, 16.633, 214.761

 91, 16.633,
214.761

 0, 16.633, 214.761

 41, 16.633,

 41, 16.633,

214.761

■ 40, 18.965,
215.592

■ 39, 20.831,
216.714

■ 38, 22.211,
218.176

■ 38, 23.112,
220.033

■ 37, 23.731,
222.135

■ 37, 23.780,
222.290

214.761

■ 42, 13.877,
214.165

■ 43, 10.749,
213.768

■ 45, 7.306, 213.537

■ 46, 3.605, 213.467

■ 47, 0.301, 32.147

■ 49, 4.367, 33.319

■ 50, 8.553, 33.476

■ 52, 12.825, 33.653

■ 53, 17.155, 33.856

Harmonies

Complementary

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



41, 16.633, 214.761



33, 23.756, 35.008

Rectangle

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



41, 16.633, 214.761



41, 16.633, 264.761



41, 16.633, 34.761



41, 16.633, 84.761

Sweetspot

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



41, 16.633, 214.759



58, 7.146, 213.489



42, 36.097, 144.373



30, 4.891, 213.507



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, 16.633, 214.759



52, 23.259, 215.723



33, 22.660, 276.817



23, 2.203, 213.468



39, 24.998, 222.517



78, 42.608, 224.233

Inverse Universe

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



33, 35.686, 331.562



39, 51.642, 332.239



40, 23.302, 82.143



22, 4.146, 329.170



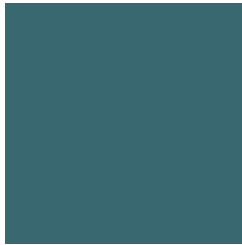
27, 59.261, 334.722



57, 100.587, 335.155

Previews

White Background



This preview shows how the CIELCh color 41, 16.633, 214.761 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, 16.633, 214.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

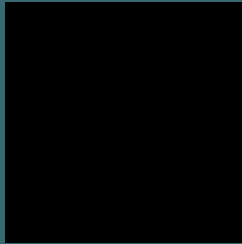
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.633, 214.761

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.633, 214.761.



This preview shows how white text looks on a background with the CIELCh color 41, 16.633, 214.761.

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, 16.633, 214.761

Protanopia

41, 6.081, 287.327

Deuteranopia

41, 12.249, 297.437



Tritanopia
41, 16.633, 214.761

Trichromacy



Original Color
41, 16.633, 214.761

Protanomaly
41, 8.641, 238.208

Deuteranomaly
41, 10.728, 257.551

Tritanomaly
41, 16.633, 214.761

Monochromacy



Original Color
41, 16.633, 214.761

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.909, 214.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.633, 214.761 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, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(57, 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(57, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 104, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.633, 214.761 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, 104, 112) }
```

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

```
.border{ border-color:rgb(57, 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(57, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(57, 104,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.633, 214.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 104, 112) }
```

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

```
.background{ background-color: rgb(57, 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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