

Converting Colors

CIELCh(41, 16.573, 212.597)

Have a look what the booklet for
CIELCh(41, 16.573, 212.597)
contains.

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Color

CIELCh(41, 16.573, 212.597)

Conversions

Conversions Part 1

Format	Color
Hex	39686F
RGB	57, 104, 111
RGB Percent	22%, 41%, 44%
CMY	0.7773, 0.5930, 0.5655
CMYK	0.49, 0.06, 0.00, 0.57
HSL	188°, 32%, 33%
HSV	188°, 49%, 43%
XYZ	9.4615, 11.8645, 16.7689
YIQ	90.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

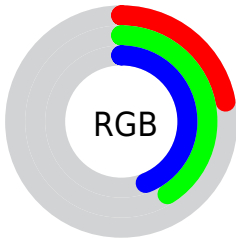
Format	Color
R_{YB}	57, 82, 111
Decimal	3762287
CIE _{Lab}	41.00, -13.96, -8.93
CIE _{LCh}	41, 16.573, 212.597
Yxy	11.8645, 0.2484, 0.3114
Android (android.graphics.Color)	4281952367 (0xFF39686F)
YUV	90.7450, 9.9857, -29.5944
Hunter-Lab	34.4449, -11.2474, -4.7529

Details

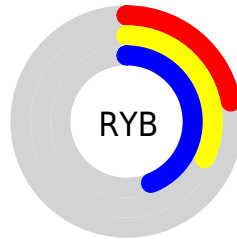
The CIELCh color **41, 16.573, 212.597** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 23.573, 33.675**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 16.544, 213.983**, and **21, 16.635, 210.991** is the 20% darker color. If you saturate the color by 10%, you get **40, 18.929, 213.273**, and if you desaturate by 10%, it is **42, 13.790, 212.130**.

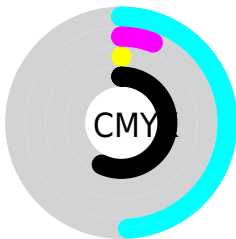
Distribution



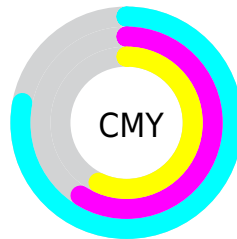
- Red (22%)
- Green (41%)
- Blue (44%)



- Red (22%)
- Yellow (32%)
- Blue (44%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)





- Cyan (78%)
- Magenta (59%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.573, 212.597 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, 16.573, 212.597 by changing the saturation by 10% instead.


 41, 16.573,
212.597


 41, 16.573,
212.597


 100, 16.573,
212.597


 31, 16.573,
212.597

 61, 16.573,
212.597


 21, 16.573,
212.597

 71, 16.573,
212.597


 11, 16.573,
212.597


 81, 16.573,
212.597

 1, 16.573, 212.597

 91, 16.573,
212.597

 0, 16.573, 212.597

 41, 16.573,

 41, 16.573,

212.597

■ 40, 18.929,
213.273

■ 39, 20.815,
214.207

■ 38, 22.209,
215.443

■ 38, 23.114,
217.028

■ 37, 23.711,
218.848

■ 37, 23.788,
219.071

212.597

■ 42, 13.790,
212.130

■ 43, 10.634,
211.843

■ 44, 7.163, 211.706

■ 46, 3.433, 211.721

■ 47, 0.503, 30.949

■ 48, 4.597, 31.707

■ 50, 8.809, 31.919

■ 51, 13.106, 32.147

■ 53, 17.459, 32.399

Harmonies

Complementary

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



41, 16.573, 212.597



32, 23.573, 33.675

Rectangle

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



41, 16.573, 212.597



41, 16.573, 262.597



41, 16.573, 32.597



41, 16.573, 82.597

Sweetspot

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



41, 16.573, 212.595



57, 7.126, 211.692



42, 35.936, 143.939



29, 4.807, 211.696



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 16.573, 212.595



51, 22.913, 213.334



33, 21.781, 275.297



23, 2.229, 211.717



40, 25.147, 219.293



79, 42.812, 220.795

Inverse Universe

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



32, 35.499, 330.968



39, 50.740, 331.584



40, 22.658, 80.751



22, 4.192, 328.660



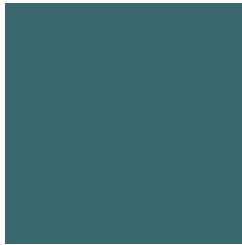
27, 59.964, 333.917



57, 101.845, 334.291

Previews

White Background



This preview shows how the CIELCh color 41, 16.573, 212.597 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, 16.573, 212.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

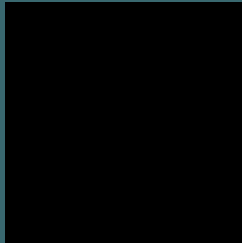
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

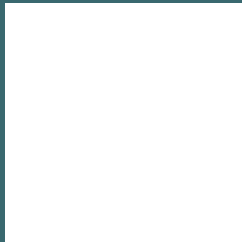
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 16.573, 212.597

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.573, 212.597.



This preview shows how white text looks on a background with the CIELCh color 41, 16.573, 212.597.

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, 16.573, 212.597

Protanopia

41, 6.081, 287.327

Deuteranopia

41, 11.694, 299.567



Tritanopia
41, 16.633, 214.761

Trichromacy



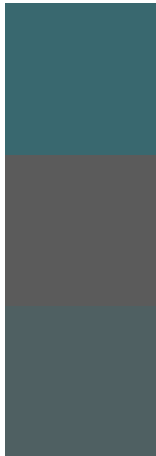
Original Color
41, 16.573, 212.597

Protanomaly
41, 8.641, 238.208

Deuteranomaly
41, 10.054, 257.153

Tritanomaly
41, 16.633, 214.761

Monochromacy



Original Color
41, 16.573, 212.597

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, 16.573, 212.597 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(57, 104, 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(57, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 104, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.573, 212.597 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, 111) }
```

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

```
.border{ border-color:rgb(57, 104, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(57, 104,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.573, 212.597 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, 111) }
```

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

```
.background{ background-color: rgb(57, 104,  
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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