

Converting Colors

CIELCh(41, 15.544, 243.203)

Have a look what the booklet for
CIELCh(41, 15.544, 243.203)
contains.

CIELCh(41, 15.657, 243.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 15.657, 243.022)

Conversions

Conversions Part 1

Format	Color
Hex	436577
RGB	67, 101, 119
RGB Percent	26%, 40%, 47%
CMY	0.7367, 0.6034, 0.5328
CMYK	0.44, 0.15, 0.00, 0.53
HSL	201°, 28%, 37%
HSV	201°, 44%, 47%
XYZ	10.3269, 11.8645, 19.2392
YIQ	92.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

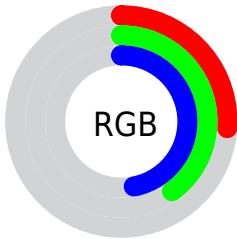
Format	Color
R_{YB}	67, 88, 119
Decimal	4416887
CIE _{Lab}	41.00, -7.10, -13.95
CIE _{LCh}	41, 15.657, 243.022
Yxy	11.8645, 0.2493, 0.2864
Android (android.graphics.Color)	4282606967 (0xFF436577)
YUV	92.8860, 12.8742, -22.7020
Hunter-Lab	34.4449, -6.7630, -9.0049

Details

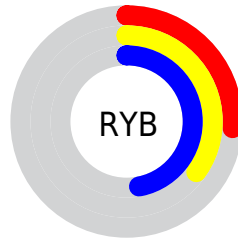
The CIELCh color **41, 15.657, 243.022** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 19.828, 54.105**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 15.480, 242.642**, and **21, 15.925, 244.727** is the 20% darker color. If you saturate the color by 10%, you get **39, 18.668, 245.218**, and if you desaturate by 10%, it is **43, 12.394, 241.232**.

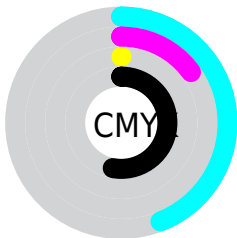
Distribution



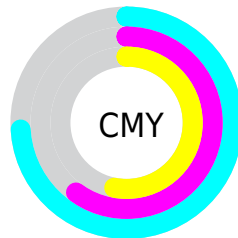
- Red (26%)
- Green (40%)
- Blue (47%)



- Red (26%)
- Yellow (35%)
- Blue (47%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 15.657, 243.022 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, 15.657, 243.022 by changing the saturation by 10% instead.

■ 41, 15.657,
243.022

■ 41, 15.657,
243.022

■ 100, 15.657,
243.022

■ 31, 15.657,
243.022

■ 61, 15.657,
243.022

■ 21, 15.657,
243.022

■ 71, 15.657,
243.022

■ 11, 15.657,
243.022

■ 81, 15.657,
243.022

■ 1, 15.657, 243.022

■ 91, 15.657,
243.022

■ 0, 15.657, 243.022

■ 41, 15.657,

■ 41, 15.657,

243.022

243.022

■ 39, 18.668,
245.218

■ 43, 12.394,
241.232

■ 37, 21.410,
247.899

■ 45, 8.911, 239.784

■ 35, 23.880,
251.133

■ 47, 5.244, 238.625

■ 49, 1.427, 237.827

■ 34, 26.109,
254.961

■ 51, 2.507, 56.677

■ 32, 28.169,
259.346

■ 54, 6.530, 56.110

■ 56, 10.618, 55.595

■ 31, 29.514,
262.056

■ 58, 14.751, 55.160

■ 60, 18.912, 54.795

Harmonies

Complementary

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



41, 15.657, 243.022



39, 19.828, 54.105

Rectangle

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



41, 15.657, 243.022



41, 15.657, 293.022



41, 15.657, 63.022



41, 15.657, 113.022

Sweetspot

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



41, 15.656, 243.020



61, 6.217, 238.592



46, 29.191, 151.900



31, 4.369, 238.786



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 15.656, 243.020



51, 22.535, 245.137



33, 27.303, 288.677



24, 2.152, 238.185



32, 30.143, 262.216



64, 52.880, 265.277

Inverse Universe

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



36, 29.387, 339.579



44, 42.917, 340.516



46, 25.561, 97.568



23, 3.730, 336.789



26, 52.514, 347.482



55, 88.108, 348.950

Previews

White Background



This preview shows how the CIELCh color 41, 15.657, 243.022 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, 15.657, 243.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

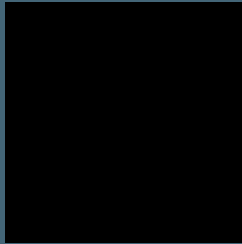
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 15.657, 243.022

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.657, 243.022.

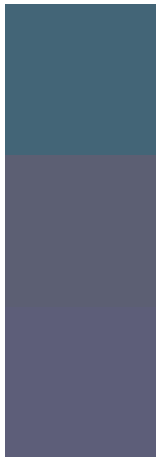


This preview shows how white text looks on a background with the CIELCh color 41, 15.657, 243.022.

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, 15.657, 243.022

Protanopia

41, 12.189, 286.614

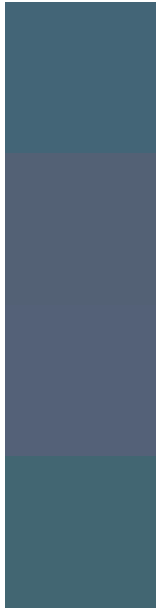
Deuteranopia

41, 16.423, 291.319



Tritanopia
41, 14.202, 218.074

Trichromacy



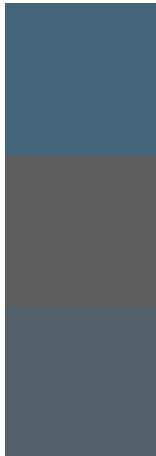
Original Color
41, 15.657, 243.022

Protanomaly
41, 13.033, 268.651

Deuteranomaly
41, 14.588, 273.276

Tritanomaly
41, 14.357, 228.850

Monochromacy



Original Color
41, 15.657, 243.022

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 6.276, 241.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.657, 243.022 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(67, 101, 119)` looks like.

```
.text, #text, p{  
    color:rgb(67, 101, 119)  
}
```

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(67, 101, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 101, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.657, 243.022 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(67, 101, 119) }
```

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

```
.border{ border-color:rgb(67, 101, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 101, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 101, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 101, 119);  
box-shadow:4px 4px 4px 4px rgb(67, 101,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.657, 243.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 101, 119) }
```

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

```
.background{ background-color: rgb(67, 101,  
119) }
```

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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