

Converting Colors

CIELCh(41, 15.825, 189.492)

Have a look what the booklet for
CIELCh(41, 15.825, 189.492)
contains.

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Color

CIELCh(41, 15.852, 188.622)

Conversions

Conversions Part 1

Format	Color
Hex	3E6864
RGB	62, 104, 100
RGB Percent	24%, 41%, 39%
CMY	0.7566, 0.5918, 0.6075
CMYK	0.40, 0.00, 0.04, 0.59
HSL	174°, 25%, 33%
HSV	174°, 40%, 41%
XYZ	9.2535, 11.8645, 13.8785
YIQ	90.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

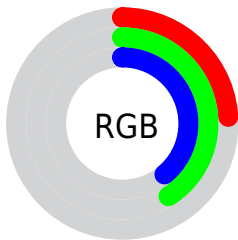
Format	Color
RYB	62, 84, 104
Decimal	4089956
CIELab	41.00, -15.67, -2.38
CIELCh	41, 15.852, 188.622
Yxy	11.8645, 0.2644, 0.3390
Android (android.graphics.Color)	4282280036 (0xFF3E6864)
YUV	90.9860, 4.4439, -25.4207
Hunter-Lab	34.4449, -12.3252, 0.2225

Details

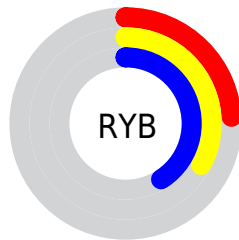
The CIELCh color **41, 15.852, 188.622** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 19.691, 15.812**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 15.658, 189.676**, and **21, 16.141, 186.785** is the 20% darker color. If you saturate the color by 10%, you get **40, 19.022, 187.856**, and if you desaturate by 10%, it is **42, 12.318, 189.367**.

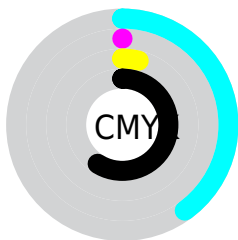
Distribution



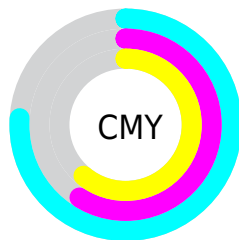
- Red (24%)
- Green (41%)
- Blue (39%)



- Red (24%)
- Yellow (33%)
- Blue (41%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)





- Cyan (76%)
- Magenta (59%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 15.852, 188.622 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, 15.852, 188.622 by changing the saturation by 10% instead.


 41, 15.852,
188.622


 41, 15.852,
188.622


 100, 15.852,
188.622


 31, 15.852,
188.622

 61, 15.852,
188.622


 21, 15.852,
188.622

 71, 15.852,
188.622


 11, 15.852,
188.622


 81, 15.852,
188.622

 1, 15.852, 188.622

 91, 15.852,
188.622

 0, 15.852, 188.622

 41, 15.852,

 41, 15.852,

188.622

188.622

■ 40, 19.022,
187.856

■ 42, 12.318,
189.367

■ 40, 21.770,
187.068

■ 42, 8.481, 190.109

■ 40, 24.051,
186.244

■ 43, 4.406, 190.867

■ 44, 0.152, 193.694

■ 39, 25.842,
185.369

■ 45, 4.227, 12.134

■ 39, 27.145,
184.428

■ 46, 8.685, 12.876

■ 47, 13.185, 13.583

■ 39, 28.188,
183.518

■ 48, 17.696, 14.274

■ 50, 22.194, 14.952

Harmonies

Complementary

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



41, 15.852, 188.622



31, 19.691, 15.812

Rectangle

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



41, 15.852, 188.622



41, 15.852, 238.622



41, 15.852, 8.622



41, 15.852, 58.622

Sweetspot

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



41, 15.852, 188.619



55, 6.304, 190.712



40, 29.925, 139.294



28, 4.207, 190.646



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, 15.852, 188.619



52, 22.566, 187.934



36, 13.524, 249.607



21, 2.355, 190.983



43, 30.241, 183.387



86, 52.767, 182.668

Inverse Universe

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



31, 19.691, 15.812



38, 29.609, 17.380



36, 16.148, 60.132



19, 2.460, 12.135



22, 53.547, 33.476



51, 96.500, 36.814

Previews

White Background



This preview shows how the CIELCh color 41, 15.852, 188.622 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, 15.852, 188.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

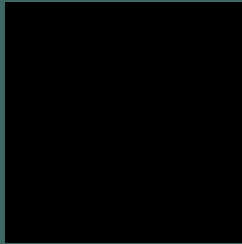
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 15.852, 188.622

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.852, 188.622.



This preview shows how white text looks on a background with the CIELCh color 41, 15.852, 188.622.

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, 15.852, 188.622

Protanopia

41, 1.028, 55.190

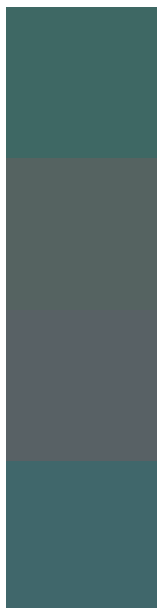
Deuteranopia

41, 6.888, 327.772



Tritanopia
41, 14.059, 221.055

Trichromacy



Original Color
41, 15.852, 188.622

Protanomaly
41, 5.827, 186.651

Deuteranomaly
41, 4.308, 233.557

Tritanomaly
41, 14.232, 207.692

Monochromacy



Original Color
41, 15.852, 188.622

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.620, 187.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.852, 188.622 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(62, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(62, 104, 100)  
}
```

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(62, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 104, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.852, 188.622 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(62, 104, 100) }
```

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

```
.border{ border-color:rgb(62, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 104, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 104, 100); box-shadow:4px 4px 4px 4px rgb(62, 104, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.852, 188.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 104, 100) }
```

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

```
.background{ background-color: rgb(62, 104,  
100) }
```

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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