

Converting Colors

CIELCh(41, 15.440, 148.572)

Have a look what the booklet for
CIELCh(41, 15.440, 148.572)
contains.

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Color

CIELCh(41, 15.099, 148.166)

Conversions

Conversions Part 1

Format	Color
Hex	4F6653
RGB	79, 102, 83
RGB Percent	31%, 40%, 33%
CMY	0.6891, 0.5988, 0.6734
CMYK	0.22, 0.00, 0.19, 0.60
HSL	130°, 13%, 36%
HSV	130°, 22%, 40%
XYZ	9.6012, 11.8645, 10.0254
YIQ	92.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

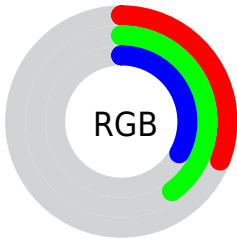
Format	Color
R_{YB}	79, 99, 102
Decimal	5203539
CIE Lab	41.00, -12.83, 7.96
CIE LCh	41, 15.099, 148.166
Yxy	11.8645, 0.3049, 0.3768
Android (android.graphics.Color)	4283393619 (0xFF4F6653)
YUV	92.9570, -4.9088, -12.2403
Hunter-Lab	34.4449, -10.5237, 6.8547

Details

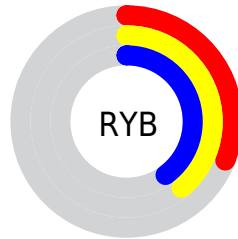
The CIELCh color $[41, 15.099, 148.166]$ is a dark color, and the websafe version is hex `#336666`. A complement of this color would be $[37, 15.149, 330.922]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 15.147, 147.063]$, and $[21, 15.089, 147.696]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 21.797, 147.339]$, and if you desaturate by 10%, it is $[42, 8.360, 148.890]$.

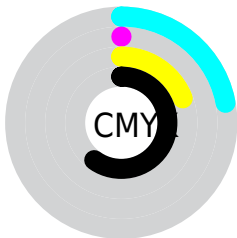
Distribution



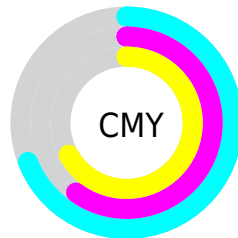
- Red (31%)
- Green (40%)
- Blue (33%)



- Red (31%)
- Yellow (39%)
- Blue (40%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)





- Cyan (69%)
- Magenta (60%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 15.099, 148.166 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, 15.099, 148.166 by changing the saturation by 10% instead.


 41, 15.099,
148.166


 41, 15.099,
148.166


 100, 15.099,
148.166


 31, 15.099,
148.166

 61, 15.099,
148.166


 21, 15.099,
148.166

 71, 15.099,
148.166


 11, 15.099,
148.166


 81, 15.099,
148.166

 1, 15.099, 148.166

 91, 15.099,
148.166

 0, 15.099, 148.166

 41, 15.099,

 41, 15.099,

148.166

■ 40, 21.797,
147.339

■ 39, 28.352,
146.390

■ 39, 34.649,
145.307

■ 38, 40.554,
144.086

■ 38, 45.928,
142.737

■ 37, 50.630,
141.293

■ 37, 54.541,
139.827

■ 37, 57.057,
138.966

148.166

■ 42, 8.360, 148.890

■ 43, 1.655, 149.600

■ 44, 4.955, 329.990

■ 45, 11.429,
330.482

■ 47, 17.737,
330.901

■ 48, 23.863,
331.269

■ 50, 29.798,
331.594

■ 51, 35.540,
331.884

■ 53, 41.092,

Harmonies

Complementary

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



41, 15.099, 148.166



37, 15.149, 330.922

Rectangle

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



41, 15.099, 148.166



41, 15.099, 198.166



41, 15.099, 328.166



41, 15.099, 18.166

Sweetspot

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



41, 15.100, 148.166



54, 5.777, 149.246



42, 13.848, 115.178



27, 3.724, 149.225



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 15.100, 148.166



52, 22.433, 147.744



41, 10.458, 171.698



21, 3.739, 149.131



42, 62.234, 138.734



84, 110.390, 137.786

Inverse Universe

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



37, 15.149, 330.922



46, 22.508, 331.242



36, 11.039, 355.817



20, 3.750, 330.106



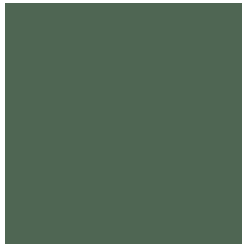
25, 56.287, 336.191



55, 96.866, 336.773

Previews

White Background



This preview shows how the CIELCh color 41, 15.099, 148.166 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, 15.099, 148.166 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, 15.099, 148.166

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.099, 148.166.

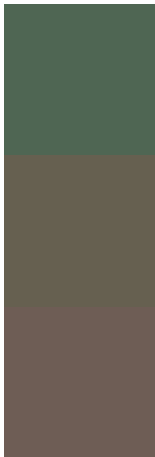


This preview shows how white text looks on a background with the CIELCh color 41, 15.099, 148.166.

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](#).

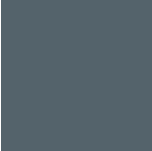
Dichromacy



Original Color
41, 15.099, 148.166

Protanopia
41, 10.027, 93.197

Deuteranopia
41, 9.006, 52.489



Tritanopia
41, 7.455, 239.695

Trichromacy



Original Color
41, 15.099, 148.166

Protanomaly
41, 10.406, 118.314

Deuteranomaly
41, 7.369, 98.778

Tritanomaly
41, 7.336, 188.958

Monochromacy



Original Color
41, 15.099, 148.166

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 5.464, 147.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.099, 148.166 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(79, 102, 83)` looks like.

```
.text, #text, p{  
    color:rgb(79, 102, 83)  
}
```

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(79, 102, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 102, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.099, 148.166 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(79, 102, 83) }
```

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

```
.border{ border-color:rgb(79, 102, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 102, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 102, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 102, 83);  
box-shadow:4px 4px 4px 4px rgb(79, 102,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.099, 148.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 102, 83) }
```

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

```
.background{ background-color: rgb(79, 102,  
83) }
```

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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