

Converting Colors

CIELCh(43, 16.512, 158.915)

Have a look what the booklet for
CIELCh(43, 16.512, 158.915)
contains.

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Color

CIELCh(43, 16.309, 158.742)

Conversions

Conversions Part 1

Format	Color
Hex	4D6C5B
RGB	77, 108, 91
RGB Percent	30%, 42%, 36%
CMY	0.6966, 0.5750, 0.6417
CMYK	0.29, 0.00, 0.16, 0.58
HSL	147°, 17%, 36%
HSV	147°, 29%, 42%
XYZ	10.3951, 13.1578, 11.9706
YIQ	96.7930, -13.0190, -11.8590

Conversions

Conversions Part 2

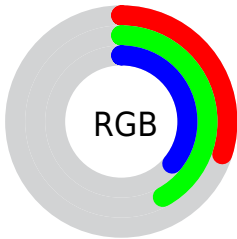
Format	Color
RYB	77, 98, 108
Decimal	5074011
CIELab	43.00, -15.20, 5.91
CIELCh	43, 16.309, 158.742
Yxy	13.1578, 0.2926, 0.3704
Android (android.graphics.Color)	4283264091 (0xFF4D6C5B)
YUV	96.7930, -2.8559, -17.3585
Hunter-Lab	36.2736, -12.3254, 5.8253

Details

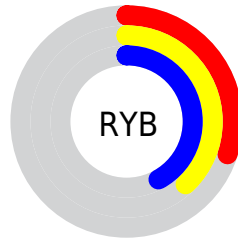
The CIELCh color $43, 16.309, 158.742$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $37, 16.739, 343.453$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 16.555, 158.116$, and $23, 16.215, 158.597$ is the 20% darker color. If you saturate the color by 10%, you get $42, 21.850, 157.701$, and if you desaturate by 10%, it is $44, 10.642, 159.672$.

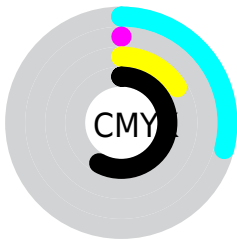
Distribution



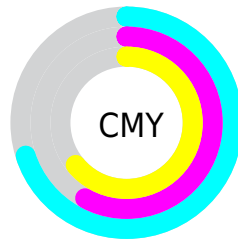
- Red (30%)
- Green (42%)
- Blue (36%)



- Red (30%)
- Yellow (38%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)





- Cyan (70%)
- Magenta (58%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.309, 158.742 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 43, 16.309, 158.742 by changing the saturation by 10% instead.


 43, 16.309,
158.742


 43, 16.309,
158.742


 100, 16.309,
158.742


 33, 16.309,
158.742

 63, 16.309,
158.742


 23, 16.309,
158.742

 73, 16.309,
158.742

 13, 16.309,
158.742

 83, 16.309,
158.742

 3, 16.309, 158.742

 93, 16.309,
158.742

 0, 16.309, 158.742

 43, 16.309,

 43, 16.309,

158.742

158.742

■ 42, 21.850,
157.701

■ 44, 10.642,
159.672

■ 42, 27.180,
156.529

■ 45, 4.921, 160.526

■ 41, 32.209,
155.205

■ 46, 0.791, 340.907

■ 47, 6.445, 341.861

■ 41, 36.854,
153.710

■ 48, 12.006,
342.500

■ 40, 41.044,
152.030

■ 50, 17.446,
343.078

■ 40, 44.738,
150.163

■ 51, 22.750,
343.611

■ 40, 48.070,
148.276

■ 52, 27.906,
344.107

■ 40, 48.525,
148.039

■ 54, 32.910,

Harmonies

Complementary

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



43, 16.309, 158.742



37, 16.739, 343.453

Rectangle

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



43, 16.309, 158.742



43, 16.309, 208.742



43, 16.309, 338.742



43, 16.309, 28.742

Sweetspot

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



43, 16.310, 158.741



57, 6.351, 160.474



44, 19.347, 126.007



30, 4.449, 160.378



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 16.310, 158.741



54, 23.846, 158.101



43, 11.874, 193.502



22, 3.178, 160.498



43, 51.571, 147.820



85, 91.451, 146.405

Inverse Universe

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



37, 16.739, 343.453



45, 24.594, 344.066



36, 14.006, 17.706



21, 3.208, 341.746



24, 48.578, 355.873



53, 82.912, 358.196

Previews

White Background



This preview shows how the CIELCh color 43, 16.309, 158.742 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 43, 16.309, 158.742 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 43, 16.309, 158.742

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.309, 158.742.



This preview shows how white text looks on a background with the CIELCh color 43, 16.309, 158.742.

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

43, 16.309, 158.742

Protanopia

43, 8.083, 93.359

Deuteranopia

43, 7.337, 39.172



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 16.309, 158.742

Protanomaly
43, 9.626, 129.639

Deuteranomaly
43, 5.412, 113.887

Tritanomaly
43, 10.012, 198.244

Monochromacy



Original Color
43, 16.309, 158.742

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.858, 160.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.309, 158.742 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(77, 108, 91)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 91)  
}
```

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(77, 108, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.309, 158.742 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(77, 108, 91) }
```

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

```
.border{ border-color:rgb(77, 108, 91) }
```

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

Here you see how a box with a 4 pixel rgb(77, 108, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 91);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.309, 158.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 91) }
```

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

```
.background{ background-color: rgb(77, 108,  
91) }
```

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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