

Converting Colors

CIELCh(41, 10.029, 50.165)

Have a look what the booklet for
CIELCh(41, 10.029, 50.165) contains.

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Color

CIELCh(41, 10.136, 52.515)

Conversions

Conversions Part 1

Format	Color
Hex	705D54
RGB	112, 93, 84
RGB Percent	44%, 36%, 33%
CMY	0.5616, 0.6360, 0.6713
CMYK	0.00, 0.17, 0.25, 0.56
HSL	19°, 14%, 38%
HSV	19°, 25%, 44%
XYZ	12.1477, 11.8645, 9.9992
YIQ	97.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

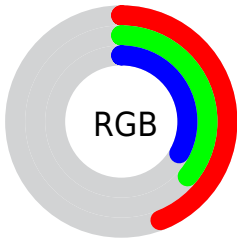
Format	Color
RYB	112, 97, 84
Decimal	7363924
CIELab	41.00, 6.17, 8.04
CIELCh	41, 10.136, 52.515
Yxy	11.8645, 0.3572, 0.3488
Android (android.graphics.Color)	4285554004 (0xFF705D54)
YUV	97.6550, -6.7319, 12.5806
Hunter-Lab	34.4449, 2.6732, 6.8999

Details

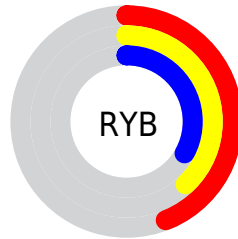
The CIELCh color **41, 10.136, 52.515** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 8.879, 236.639**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 9.954, 50.388**, and **21, 10.367, 51.744** is the 20% darker color. If you saturate the color by 10%, you get **39, 14.702, 51.963**, and if you desaturate by 10%, it is **43, 5.876, 53.137**.

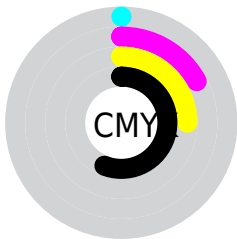
Distribution



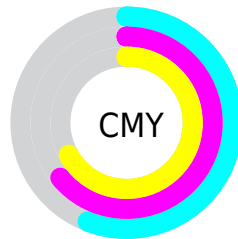
- Red (44%)
- Green (36%)
- Blue (33%)



- Red (44%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 10.136, 52.515 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, 10.136, 52.515 by changing the saturation by 10% instead.

■ 41, 10.136, 52.515

■ 41, 10.136, 52.515

■ 100, 10.136,
52.515

■ 31, 10.136, 52.515

■ 61, 10.136, 52.515

■ 21, 10.136, 52.515

■ 71, 10.136, 52.515

■ 11, 10.136, 52.515

■ 81, 10.136, 52.515

■ 1, 10.136, 52.515

■ 91, 10.136, 52.515

■ 0, 10.136, 52.515

■ 41, 10.136, 52.515

■ 41, 10.136, 52.515

■ 39, 14.702, 51.963

■ 43, 5.876, 53.137

■ 36, 19.591, 51.478

■ 46, 1.900, 53.706

■ 34, 24.802, 51.082

■ 48, 1.820, 234.770

■ 32, 30.300, 50.774

■ 51, 5.310, 235.389

■ 30, 35.988, 50.513

■ 53, 8.596, 236.109

■ 28, 41.635, 50.180

■ 56, 11.703,
236.843

■ 27, 46.706, 49.454

■ 59, 14.651,
237.574

■ 26, 49.037, 49.135

■ 61, 17.459,
238.295

■ 64, 20.145,
239.001

Harmonies

Complementary

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



41, 10.136, 52.515



42, 8.879, 236.639

Rectangle

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



41, 10.136, 52.515



41, 10.136, 102.515



41, 10.136, 232.515



41, 10.136, 282.515

Sweetspot

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



41, 10.136, 52.525



58, 3.786, 53.552



39, 16.427, 336.675



30, 2.724, 53.480



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 10.136, 52.525



51, 15.375, 52.193



45, 13.724, 98.677



22, 2.159, 53.506



28, 52.094, 49.252



58, 91.936, 47.876

Inverse Universe

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



42, 8.879, 236.639



53, 13.009, 237.386



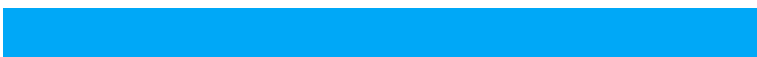
38, 14.138, 284.532



22, 2.068, 235.037



32, 28.461, 257.904



65, 50.098, 261.046

Previews

White Background



This preview shows how the CIE LCh color 41, 10.136, 52.515 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, 10.136, 52.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

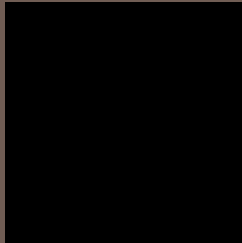
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 10.136, 52.515

Background



This preview shows how black text looks on a background with the CIELCh color 41, 10.136, 52.515.



This preview shows how white text looks on a background with the CIELCh color 41, 10.136, 52.515.

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, 10.136, 52.515

Protanopia

41, 6.859, 94.410

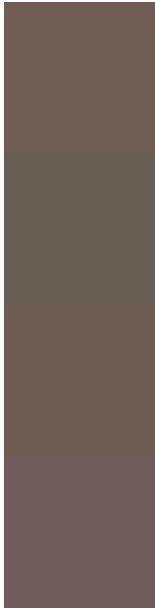
Deuteranopia

41, 9.751, 53.918



Tritanopia
41, 10.250, 356.542

Trichromacy



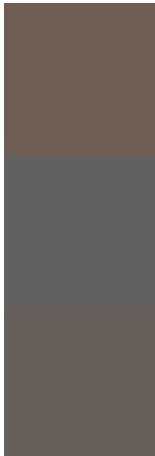
Original Color
41, 10.136, 52.515

Protanomaly
41, 7.494, 73.193

Deuteranomaly
41, 9.751, 53.918

Tritanomaly
41, 9.109, 16.846

Monochromacy



Original Color
41, 10.136, 52.515

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 3.496, 50.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 10.136, 52.515 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(112, 93, 84)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 84)  
}
```

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(112, 93, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 10.136, 52.515 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(112, 93, 84) }
```

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

```
.border{ border-color:rgb(112, 93, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 93, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 93, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 93, 84);  
box-shadow:4px 4px 4px 4px rgb(112, 93,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 10.136, 52.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 84) }
```

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

```
.background{ background-color: rgb(112, 93,  
84) }
```

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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