

Converting Colors

CIELCh(41, 39.643, 142.204)

Have a look what the booklet for
CIELCh(41, 39.643, 142.204)
contains.

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Color

CIELCh(41, 39.745, 142.114)

Conversions

Conversions Part 1

Format	Color
Hex	336D37
RGB	51, 109, 55
RGB Percent	20%, 43%, 22%
CMY	0.8008, 0.5734, 0.7851
CMYK	0.53, 0.00, 0.50, 0.57
HSL	124°, 36%, 31%
HSV	124°, 53%, 43%
XYZ	7.4856, 11.8645, 5.4860
YIQ	85.5020, -17.2340, -29.0900

Conversions

Conversions Part 2

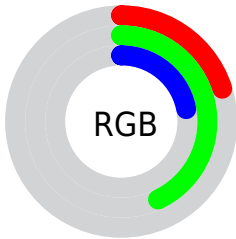
Format	Color
R_{YB}	51, 105, 109
Decimal	3370295
CIE _{Lab}	41.00, -31.37, 24.41
CIE _{LCh}	41, 39.745, 142.114
Yxy	11.8645, 0.3014, 0.4777
Android (android.graphics.Color)	4281560375 (0xFF336D37)
YUV	85.5020, -15.0375, -30.2583
Hunter-Lab	34.4449, -21.4869, 14.6685

Details

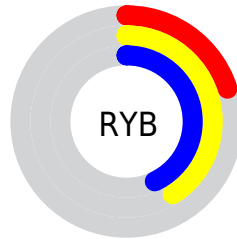
The CIELCh color $41, 39.745, 142.114$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $31, 39.484, 329.177$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 39.688, 142.242$, and $21, 38.944, 140.323$ is the 20% darker color. If you saturate the color by 10%, you get $40, 46.259, 140.965$, and if you desaturate by 10%, it is $42, 32.703, 143.161$.

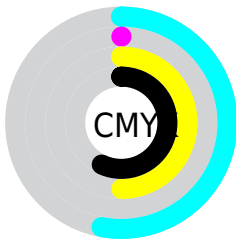
Distribution



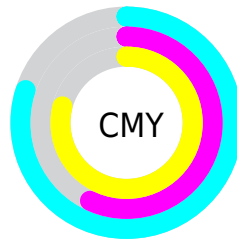
- Red (20%)
- Green (43%)
- Blue (22%)



- Red (20%)
- Yellow (41%)
- Blue (43%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)





- Cyan (80%)
- Magenta (57%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 39.745, 142.114 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, 39.745, 142.114 by changing the saturation by 10% instead.


 41, 39.745,
142.114


 41, 39.745,
142.114


 100, 39.745,
142.114


 31, 39.745,
142.114

 61, 39.745,
142.114


 21, 39.745,
142.114

 71, 39.745,
142.114

 11, 39.745,
142.114


 81, 39.745,
142.114

 1, 39.745, 142.114

 91, 39.745,
142.114

 0, 39.745, 142.114

 41, 39.745,

 41, 39.745,

142.114

■ 40, 46.259,
140.965

■ 40, 52.034,
139.753

■ 40, 56.847,
138.553

■ 40, 60.493,
137.488

■ 39, 62.381,
137.050

142.114

■ 42, 32.703,
143.161

■ 42, 25.315,
144.088

■ 43, 17.738,
144.898

■ 44, 10.099,
145.603

■ 46, 2.496, 146.255

■ 47, 4.998, 326.663

■ 48, 12.331,
327.126

■ 50, 19.472,
327.512

■ 51, 26.400,
327.844

Harmonies

Complementary

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



41, 39.745, 142.114



31, 39.484, 329.177

Rectangle

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



41, 39.745, 142.114



41, 39.745, 192.114



41, 39.745, 322.114



41, 39.745, 12.114

Sweetspot

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



41, 39.746, 142.114



56, 14.965, 145.394



44, 33.290, 108.552



29, 10.188, 145.290



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 39.746, 142.114



52, 57.246, 140.682



42, 26.875, 161.949



22, 4.195, 145.884



42, 65.947, 136.967



85, 114.929, 136.444

Inverse Universe

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



31, 39.484, 329.177



37, 56.312, 329.755



30, 29.118, 353.357



21, 4.203, 326.815



26, 61.797, 331.076



57, 106.011, 331.257

Previews

White Background



This preview shows how the CIELCh color 41, 39.745, 142.114 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, 39.745, 142.114 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, 39.745, 142.114

Background



This preview shows how black text looks on a background with the CIELCh color 41, 39.745, 142.114.



This preview shows how white text looks on a background with the CIELCh color 41, 39.745, 142.114.

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, 39.745, 142.114

Protanopia

41, 27.675, 95.861

Deuteranopia

41, 23.226, 77.227



Tritanopia
41, 14.483, 217.639

Trichromacy



Original Color
41, 39.745, 142.114

Protanomaly
40, 29.585, 119.465

Deuteranomaly
40, 24.495, 112.999

Tritanomaly
41, 19.673, 171.380

Monochromacy



Original Color
41, 39.745, 142.114

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 15.291, 144.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 39.745, 142.114 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(51, 109, 55)` looks like.

```
.text, #text, p{  
    color:rgb(51, 109, 55)  
}
```

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(51, 109, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 109, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 39.745, 142.114 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(51, 109, 55) }
```

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

```
.border{ border-color:rgb(51, 109, 55) }
```

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

Here you see how a box with a 4 pixel rgb(51, 109, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 109, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 109, 55);  
box-shadow:4px 4px 4px 4px rgb(51, 109,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 39.745, 142.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 109, 55) }
```

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

```
.background{ background-color: rgb(51, 109,  
55) }
```

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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