

Converting Colors

CIELCh(41, 19.551, 140.949)

Have a look what the booklet for
CIELCh(41, 19.551, 140.949)
contains.

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Color

CIELCh(41, 19.518, 140.965)

Conversions

Conversions Part 1

Format	Color
Hex	4E674C
RGB	78, 103, 76
RGB Percent	31%, 40%, 30%
CMY	0.6938, 0.5957, 0.7016
CMYK	0.24, 0.00, 0.26, 0.60
HSL	116°, 15%, 35%
HSV	116°, 26%, 40%
XYZ	9.3155, 11.8645, 8.6520
YIQ	92.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

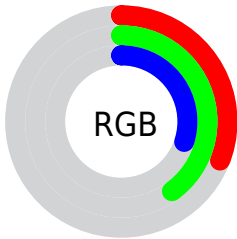
Format	Color
RYB	76, 103, 101
Decimal	5138252
CIELab	41.00, -15.16, 12.29
CIELCh	41, 19.518, 140.965
Yxy	11.8645, 0.3123, 0.3977
Android (android.graphics.Color)	4283328332 (0xFF4E674C)
YUV	92.4470, -8.1084, -12.6700
Hunter-Lab	34.4449, -12.0042, 9.2188

Details

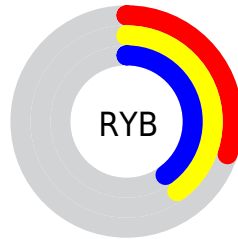
The CIELCh color $41, 19.518, 140.965$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36, 19.596, 323.657$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 19.298, 140.612$, and $21, 19.350, 140.799$ is the 20% darker color. If you saturate the color by 10%, you get $40, 26.911, 140.246$, and if you desaturate by 10%, it is $42, 12.043, 141.601$.

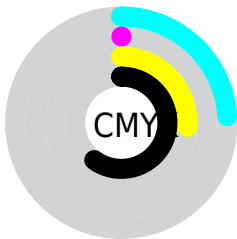
Distribution



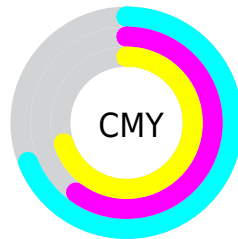
- Red (31%)
- Green (40%)
- Blue (30%)



- Red (30%)
- Yellow (40%)
- Blue (40%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)





- Cyan (69%)
- Magenta (60%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.518, 140.965 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, 19.518, 140.965 by changing the saturation by 10% instead.


 41, 19.518,
140.965


 41, 19.518,
140.965


 100, 19.518,
140.965


 31, 19.518,
140.965

 61, 19.518,
140.965


 21, 19.518,
140.965

 71, 19.518,
140.965


 11, 19.518,
140.965


 81, 19.518,
140.965

 1, 19.518, 140.965

 91, 19.518,
140.965

 0, 19.518, 140.965

 41, 19.518,

 41, 19.518,

140.965

140.965

■ 40, 26.911,
140.246

■ 42, 12.043,
141.601

■ 39, 34.090,
139.447

■ 43, 4.580, 142.169

■ 39, 40.893,
138.588

■ 44, 2.798, 322.556

■ 45, 10.042,
322.999

■ 38, 47.111,
137.712

■ 47, 17.117,
323.352

■ 38, 52.495,
136.896

■ 48, 24.003,
323.651

■ 38, 56.767,
136.247

■ 49, 30.688,
323.906

■ 37, 59.921,
135.716

■ 51, 37.170,
324.124

■ 37, 61.069,
135.407

■ 52, 43.450,
324.311

Harmonies

Complementary

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



41, 19.518, 140.965



36, 19.596, 323.657

Rectangle

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



41, 19.518, 140.965



41, 19.518, 190.965



41, 19.518, 320.965



41, 19.518, 10.965

Sweetspot

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



41, 19.519, 140.965



55, 7.398, 142.056



42, 14.822, 104.036



28, 5.303, 141.989



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, 19.519, 140.965



53, 28.831, 140.565



41, 14.735, 157.339



21, 4.122, 142.018



42, 65.947, 135.476



84, 114.832, 135.774

Inverse Universe

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



36, 19.596, 323.657



45, 28.953, 323.919



36, 15.028, 341.424



20, 4.134, 322.833



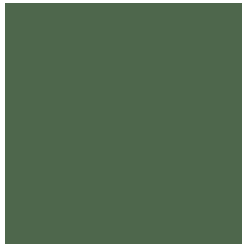
25, 64.369, 325.460



54, 111.668, 325.294

Previews

White Background



This preview shows how the CIELCh color 41, 19.518, 140.965 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, 19.518, 140.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

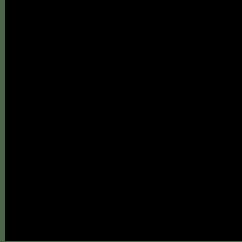
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 19.518, 140.965

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.518, 140.965.



This preview shows how white text looks on a background with the CIELCh color 41, 19.518, 140.965.

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

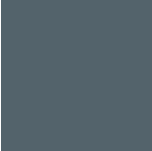
41, 19.518, 140.965

Protanopia

41, 14.231, 95.051

Deuteranopia

41, 12.632, 65.549



Tritanopia
41, 7.737, 237.890

Trichromacy



Original Color
41, 19.518, 140.965

Protanomaly
41, 15.170, 116.381

Deuteranomaly
41, 12.120, 101.946

Tritanomaly
41, 8.079, 180.864

Monochromacy



Original Color
41, 19.518, 140.965

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 7.208, 141.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.518, 140.965 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(78, 103, 76)` looks like.

```
.text, #text, p{  
    color:rgb(78, 103, 76)  
}
```

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(78, 103, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 103, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.518, 140.965 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(78, 103, 76) }
```

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

```
.border{ border-color:rgb(78, 103, 76) }
```

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

Here you see how a box with a 4 pixel rgb(78, 103, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 103, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 103, 76);  
box-shadow:4px 4px 4px 4px rgb(78, 103,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.518, 140.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 103, 76) }
```

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

```
.background{ background-color: rgb(78, 103,  
76) }
```

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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