

Converting Colors

CIELCh(41, 17.364, 154.790)

Have a look what the booklet for
CIELCh(41, 17.364, 154.790)
contains.

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Color

CIELCh(41, 17.696, 154.271)

Conversions

Conversions Part 1

Format	Color
Hex	496854
RGB	73, 104, 84
RGB Percent	29%, 41%, 33%
CMY	0.7151, 0.5936, 0.6720
CMYK	0.30, 0.00, 0.19, 0.59
HSL	141°, 18%, 35%
HSV	141°, 30%, 41%
XYZ	9.2211, 11.8645, 10.1196
YIQ	92.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

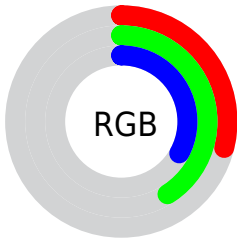
Format	Color
RYB	73, 96, 104
Decimal	4810836
CIELab	41.00, -15.94, 7.68
CIELCh	41, 17.696, 154.271
Yxy	11.8645, 0.2955, 0.3802
Android (android.graphics.Color)	4283000916 (0xFF496854)
YUV	92.4510, -4.1663, -17.0585
Hunter-Lab	34.4449, -12.4930, 6.6925

Details

The CIELCh color $[41, 17.696, 154.271]$ is a dark color, and the websafe version is hex `#336666`. A complement of this color would be $[35, 17.967, 338.757]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 17.439, 155.333]$, and $[21, 18.026, 154.281]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 23.483, 153.269]$, and if you desaturate by 10%, it is $[42, 11.795, 155.155]$.

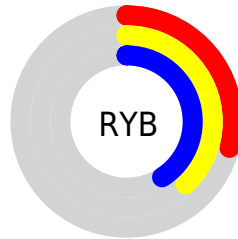
Distribution



Red (29%)

Green (41%)

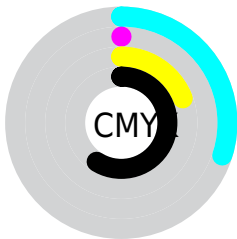
Blue (33%)



Red (29%)

Yellow (38%)

Blue (41%)

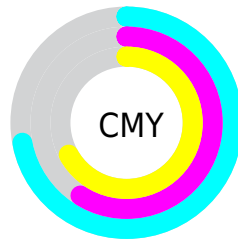


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (59%)



Cyan (72%)


Magenta (59%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 17.696, 154.271 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, 17.696, 154.271 by changing the saturation by 10% instead.


 41, 17.696,
154.271


 41, 17.696,
154.271


 100, 17.696,
154.271


 31, 17.696,
154.271

 61, 17.696,
154.271


 21, 17.696,
154.271

 71, 17.696,
154.271


 11, 17.696,
154.271


 81, 17.696,
154.271

 1, 17.696, 154.271

 91, 17.696,
154.271

 0, 17.696, 154.271

 41, 17.696,

 41, 17.696,

154.271

154.271

■ 40, 23.483,
153.269

■ 42, 11.795,
155.155

■ 40, 29.063,
152.131

■ 43, 5.854, 155.952

■ 39, 34.343,
150.838

■ 44, 0.063, 333.107

■ 45, 5.906, 337.186

■ 39, 39.227,
149.375

■ 46, 11.638,
337.761

■ 38, 43.636,
147.737

■ 48, 17.235,
338.272

■ 38, 47.511,
145.937

■ 49, 22.680,
338.736

■ 38, 51.022,
144.228

■ 50, 27.965,
339.160

■ 38, 51.056,
144.213

■ 52, 33.087,

Harmonies

Complementary

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



41, 17.696, 154.271



35, 17.967, 338.757

Rectangle

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



41, 17.696, 154.271



41, 17.696, 204.271



41, 17.696, 334.271



41, 17.696, 24.271

Sweetspot

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



41, 17.697, 154.270



55, 6.615, 156.001



42, 19.060, 122.153



28, 4.635, 155.915



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, 17.697, 154.270



52, 26.404, 153.570



41, 12.412, 184.723



21, 3.274, 156.028



42, 55.213, 143.939



84, 98.729, 142.575

Inverse Universe

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



35, 17.967, 338.757



43, 26.865, 339.354



34, 14.200, 10.119



20, 3.295, 337.158



24, 49.967, 347.968



53, 85.672, 349.629

Previews

White Background



This preview shows how the CIELCh color 41, 17.696, 154.271 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, 17.696, 154.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

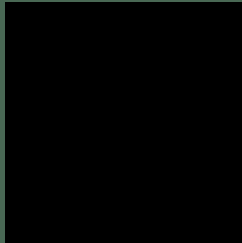
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 17.696, 154.271

Background



This preview shows how black text looks on a background with the CIELCh color 41, 17.696, 154.271.



This preview shows how white text looks on a background with the CIELCh color 41, 17.696, 154.271.

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, 17.696, 154.271

Protanopia

41, 10.027, 93.197

Deuteranopia

41, 8.272, 50.781



Tritanopia
41, 9.494, 229.500

Trichromacy



Original Color
41, 17.696, 154.271

Protanomaly
41, 11.415, 126.304

Deuteranomaly
41, 7.265, 112.493

Tritanomaly
41, 9.901, 191.115

Monochromacy



Original Color
41, 17.696, 154.271

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 6.323, 156.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 17.696, 154.271 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(73, 104, 84)` looks like.

```
.text, #text, p{  
    color:rgb(73, 104, 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(73, 104, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 104, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 17.696, 154.271 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(73, 104, 84) }
```

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

```
.border{ border-color:rgb(73, 104, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 104, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 104, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 104, 84);  
box-shadow:4px 4px 4px 4px rgb(73, 104,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 17.696, 154.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 104, 84) }
```

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

```
.background{ background-color: rgb(73, 104,  
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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