

Converting Colors

CIELCh(41, 26.463, 142.718)

Have a look what the booklet for
CIELCh(41, 26.463, 142.718)
contains.

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Color

CIELCh(41, 26.024, 142.874)

Conversions

Conversions Part 1

Format	Color
Hex	456946
RGB	69, 105, 70
RGB Percent	27%, 41%, 27%
CMY	0.7286, 0.5874, 0.7247
CMYK	0.34, 0.00, 0.33, 0.59
HSL	122°, 21%, 34%
HSV	122°, 34%, 41%
XYZ	8.6543, 11.8645, 7.6615
YIQ	90.2460, -10.2210, -18.5170

Conversions

Conversions Part 2

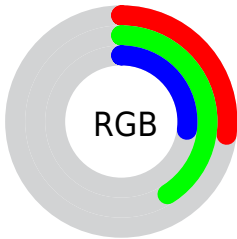
Format	Color
RYB	69, 104, 105
Decimal	4548934
CIELab	41.00, -20.75, 15.71
CIElCh	41, 26.024, 142.874
Yxy	11.8645, 0.3071, 0.4210
Android (android.graphics.Color)	4282739014 (0xFF456946)
YUV	90.2460, -9.9813, -18.6327
Hunter-Lab	34.4449, -15.4305, 10.9237

Details

The CIELCh color $41, 26.024, 142.874$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $35, 26.015, 326.953$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 25.425, 142.915$, and $21, 25.856, 143.107$ is the 20% darker color. If you saturate the color by 10%, you get $40, 33.387, 141.958$, and if you desaturate by 10%, it is $42, 18.453, 143.679$.

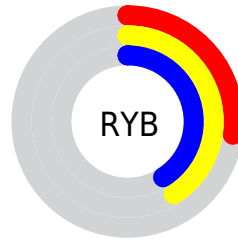
Distribution



Red (27%)

Green (41%)

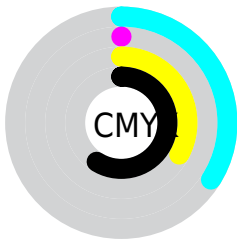
Blue (27%)



Red (27%)

Yellow (41%)

Blue (41%)

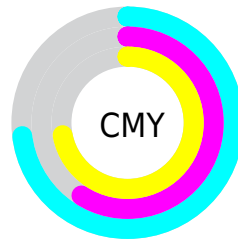


Cyan (34%)

Magenta (0%)

Yellow (33%)

Black (59%)



Cyan (73%)


Magenta (59%)

Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 26.024, 142.874 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, 26.024, 142.874 by changing the saturation by 10% instead.


 41, 26.024,
142.874


 41, 26.024,
142.874


 100, 26.024,
142.874


 31, 26.024,
142.874

 61, 26.024,
142.874


 21, 26.024,
142.874

 71, 26.024,
142.874

 11, 26.024,
142.874


 81, 26.024,
142.874

 1, 26.024, 142.874

 91, 26.024,
142.874

 0, 26.024, 142.874

 41, 26.024,

 41, 26.024,

142.874

142.874

■ 40, 33.387,
141.958

■ 42, 18.453,
143.679

■ 40, 40.371,
140.935

■ 43, 10.805,
144.379

■ 39, 46.775,
139.834

■ 44, 3.186, 145.011

■ 39, 52.366,
138.712

■ 45, 4.330, 325.431

■ 38, 56.889,
137.664

■ 47, 11.688,
325.891

■ 38, 60.149,
136.837

■ 48, 18.854,
326.270

■ 38, 61.818,
136.448

■ 49, 25.808,
326.593

■ 51, 32.541,
326.871

■ 53, 39.051,
327.111

Harmonies

Complementary

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



41, 26.024, 142.874



35, 26.015, 326.953

Rectangle

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



41, 26.024, 142.874



41, 26.024, 192.874



41, 26.024, 322.874



41, 26.024, 12.874

Sweetspot

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



41, 26.025, 142.874



56, 9.453, 144.630



44, 21.232, 107.811



28, 6.405, 144.567



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, 26.025, 142.874



52, 38.680, 142.155



41, 18.012, 161.499



22, 4.318, 144.712



42, 66.861, 136.399



85, 115.686, 136.174

Inverse Universe

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



35, 26.015, 326.953



43, 38.603, 327.346



34, 18.802, 347.658



21, 4.325, 325.628



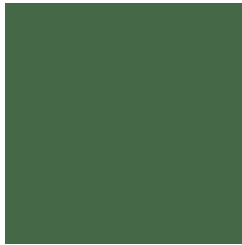
27, 63.776, 329.314



58, 109.611, 329.380

Previews

White Background



This preview shows how the CIELCh color 41, 26.024, 142.874 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, 26.024, 142.874 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, 26.024, 142.874

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.024, 142.874.



This preview shows how white text looks on a background with the CIELCh color 41, 26.024, 142.874.

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, 26.024, 142.874

Protanopia

41, 18.412, 95.694

Deuteranopia

41, 15.202, 68.630



Tritanopia
41, 10.096, 227.416

Trichromacy



Original Color
41, 26.024, 142.874

Protanomaly
41, 18.903, 118.401

Deuteranomaly
41, 15.031, 107.857

Tritanomaly
41, 12.251, 174.477

Monochromacy



Original Color
41, 26.024, 142.874

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 9.966, 145.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.024, 142.874 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(69, 105, 70)` looks like.

```
.text, #text, p{  
    color:rgb(69, 105, 70)  
}
```

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(69, 105, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 105, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.024, 142.874 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(69, 105, 70) }
```

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

```
.border{ border-color:rgb(69, 105, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 105, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 105, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 105, 70);  
box-shadow:4px 4px 4px 4px rgb(69, 105,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.024, 142.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 105, 70) }
```

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

```
.background{ background-color: rgb(69, 105,  
70) }
```

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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