

Converting Colors

CIELCh(41, 26.458, 146.088)

Have a look what the booklet for
CIELCh(41, 26.458, 146.088)
contains.

CIELCh(41, 26.458, 146.088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 26.458, 146.088)

Conversions

Conversions Part 1

Format	Color
Hex	426A48
RGB	66, 106, 72
RGB Percent	26%, 42%, 28%
CMY	0.7422, 0.5854, 0.7187
CMYK	0.38, 0.00, 0.32, 0.59
HSL	129°, 23%, 34%
HSV	129°, 38%, 41%
XYZ	8.5156, 11.8645, 7.9278
YIQ	90.1640, -12.9260, -19.0540

Conversions

Conversions Part 2

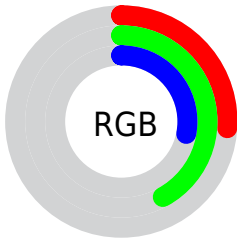
Format	Color
RYB	66, 101, 106
Decimal	4352584
CIELab	41.00, -21.96, 14.76
CIELCh	41, 26.458, 146.088
Yxy	11.8645, 0.3008, 0.4191
Android (android.graphics.Color)	4282542664 (0xFF426A48)
YUV	90.1640, -8.9549, -21.1918
Hunter-Lab	34.4449, -16.1493, 10.4653

Details

The CIELCh color $41, 26.458, 146.088$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $34, 26.497, 331.033$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 26.513, 146.024$, and $21, 26.164, 146.036$ is the 20% darker color. If you saturate the color by 10%, you get $40, 33.176, 145.074$, and if you desaturate by 10%, it is $42, 19.525, 146.974$.

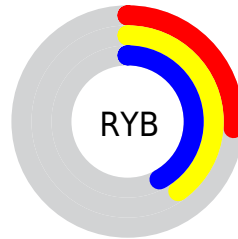
Distribution



Red (26%)

Green (42%)

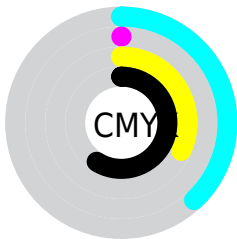
Blue (28%)



Red (26%)

Yellow (40%)

Blue (42%)

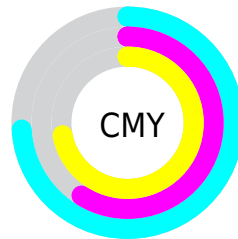


Cyan (38%)

Magenta (0%)

Yellow (32%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 26.458, 146.088 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, 26.458, 146.088 by changing the saturation by 10% instead.


 41, 26.458,
146.088

 41, 26.458,
146.088


 100, 26.458,
146.088

 31, 26.458,
146.088

 61, 26.458,
146.088


 21, 26.458,
146.088

 71, 26.458,
146.088

 11, 26.458,
146.088


 81, 26.458,
146.088

 1, 26.458, 146.088

 91, 26.458,
146.088

 0, 26.458, 146.088

 41, 26.458,

 41, 26.458,

146.088

146.088

■ 40, 33.176,
145.074

■ 42, 19.525,
146.974

■ 40, 39.539,
143.925

■ 43, 12.493,
147.746

■ 39, 45.397,
142.649

■ 44, 5.456, 148.428

■ 39, 50.591,
141.273

■ 45, 1.511, 328.845

■ 46, 8.354, 329.444

■ 39, 54.965,
139.855

■ 48, 15.036,
329.888

■ 38, 58.489,
138.611

■ 49, 21.534,
330.272

■ 38, 59.167,
138.414

■ 50, 27.833,
330.609

■ 52, 33.931,

Harmonies

Complementary

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



41, 26.458, 146.088



34, 26.497, 331.033

Rectangle

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



41, 26.458, 146.088



41, 26.458, 196.088



41, 26.458, 326.088



41, 26.458, 16.088

Sweetspot

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



41, 26.459, 146.088



56, 9.548, 148.197



43, 23.664, 113.405



28, 6.371, 148.135



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, 26.459, 146.088



52, 38.842, 145.242



41, 17.910, 168.977



22, 3.963, 148.352



43, 63.988, 138.224



85, 112.337, 137.387

Inverse Universe

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



34, 26.497, 331.033



41, 38.798, 331.539



33, 19.541, 356.606



21, 3.973, 329.324



26, 58.161, 334.956



56, 99.430, 335.422

Previews

White Background



This preview shows how the CIELCh color 41, 26.458, 146.088 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, 26.458, 146.088 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, 26.458, 146.088

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.458, 146.088.



This preview shows how white text looks on a background with the CIELCh color 41, 26.458, 146.088.

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, 26.458, 146.088

Protanopia

41, 17.251, 95.149

Deuteranopia

41, 14.248, 65.873



Tritanopia
41, 11.291, 223.951

Trichromacy



Original Color
41, 26.458, 146.088

Protanomaly
41, 19.079, 121.022

Deuteranomaly
40, 13.852, 109.905

Tritanomaly
41, 13.895, 177.176

Monochromacy



Original Color
41, 26.458, 146.088

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 10.227, 147.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.458, 146.088 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(66, 106, 72)` looks like.

```
.text, #text, p{  
    color:rgb(66, 106, 72)  
}
```

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(66, 106, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 106, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.458, 146.088 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(66, 106, 72) }
```

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

```
.border{ border-color:rgb(66, 106, 72) }
```

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

Here you see how a box with a 4 pixel rgb(66, 106, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 106, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 106, 72);  
box-shadow:4px 4px 4px 4px rgb(66, 106,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.458, 146.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 106, 72) }
```

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

```
.background{ background-color: rgb(66, 106,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor