

Converting Colors

CIELCh(41, 26.455, 182.999)

Have a look what the booklet for
CIELCh(41, 26.455, 182.999)
contains.

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Color

CIELCh(41, 26.402, 182.937)

Conversions

Conversions Part 1

Format	Color
Hex	1A6C62
RGB	26, 108, 98
RGB Percent	10%, 42%, 38%
CMY	0.8972, 0.5759, 0.6151
CMYK	0.76, 0.00, 0.09, 0.58
HSL	173°, 61%, 26%
HSV	173°, 76%, 42%
XYZ	8.0219, 11.8645, 13.4593
YIQ	82.3420, -45.6620, -20.4940

Conversions

Conversions Part 2

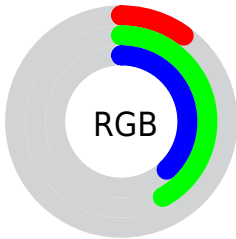
Format	Color
R _Y B	26, 70, 108
Decimal	1731682
CIE Lab	41.00, -26.37, -1.35
CIE LCh	41, 26.402, 182.937
Yxy	11.8645, 0.2406, 0.3558
Android (android.graphics.Color)	4279921762 (0xFF1A6C62)
YUV	82.3420, 7.7194, -49.4119
Hunter-Lab	34.4449, -18.7077, 0.9440

Details

The CIELCh color **41, 26.402, 182.937** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 39.511, 22.472**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 26.380, 183.401**, and **22, 19.975, 180.228** is the 20% darker color. If you saturate the color by 10%, you get **41, 28.071, 181.854**, and if you desaturate by 10%, it is **41, 24.227, 183.934**.

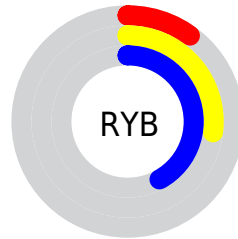
Distribution



Red (10%)

Green (42%)

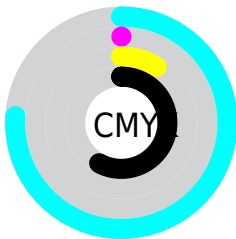
Blue (38%)



Red (10%)

Yellow (27%)

Blue (42%)

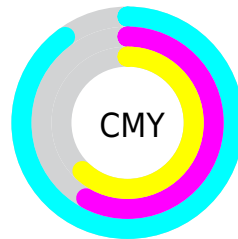


Cyan (76%)

Magenta (0%)

Yellow (9%)

Black (58%)



Cyan (90%)


Magenta (58%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 26.402, 182.937 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, 26.402, 182.937 by changing the saturation by 10% instead.


 41, 26.402,
182.937


 41, 26.402,
182.937


 100, 26.402,
182.937


 31, 26.402,
182.937

 61, 26.402,
182.937


 21, 26.402,
182.937

 71, 26.402,
182.937

 11, 26.402,
182.937

 81, 26.402,
182.937

 1, 26.402, 182.937

 91, 26.402,
182.937

 0, 26.402, 182.937

 41, 26.402,

 41, 26.402,

182.937

182.937

■ 41, 28.071,
181.854

■ 41, 24.227,
183.934

■ 41, 29.315,
180.698

■ 42, 21.558,
184.865

■ 41, 29.826,
180.224

■ 42, 18.433,
185.745

■ 43, 14.906,
186.587

■ 43, 11.041,
187.403

■ 44, 6.906, 188.207

■ 45, 2.566, 189.057

■ 46, 1.921, 9.500

■ 47, 6.502, 10.362

Harmonies

Complementary

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



41, 26.402, 182.937



24, 39.511, 22.472

Rectangle

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



41, 26.402, 182.937



41, 26.402, 232.937



41, 26.402, 2.937



41, 26.402, 52.937

Sweetspot

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



41, 26.402, 182.936



56, 12.267, 187.575



40, 53.590, 135.907



29, 8.498, 187.348



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, 26.402, 182.936



52, 34.976, 180.953



31, 23.102, 254.751



22, 2.473, 188.766



44, 31.638, 180.095



87, 54.886, 179.251

Inverse Universe

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



24, 39.511, 22.472



29, 57.410, 29.671



30, 34.826, 54.267



21, 2.577, 10.006



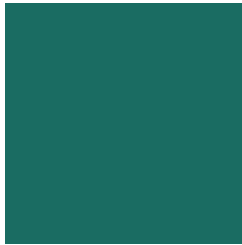
23, 53.790, 32.354



51, 95.762, 35.497

Previews

White Background



This preview shows how the CIELCh color 41, 26.402, 182.937 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, 26.402, 182.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

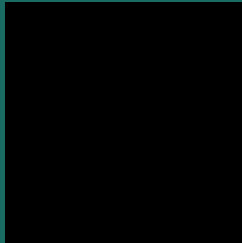
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 26.402, 182.937

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.402, 182.937.



This preview shows how white text looks on a background with the CIELCh color 41, 26.402, 182.937.

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, 26.402, 182.937

Protanopia

41, 3.276, 86.653

Deuteranopia

41, 6.420, 331.064



Tritanopia
41, 21.644, 210.175

Trichromacy



Original Color
41, 26.402, 182.937

Protanomaly
40, 11.399, 179.219

Deuteranomaly
40, 9.327, 202.053

Tritanomaly
41, 23.012, 198.303

Monochromacy



Original Color
41, 26.402, 182.937

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 11.913, 188.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.402, 182.937 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(26, 108, 98)` looks like.

```
.text, #text, p{  
    color:rgb(26, 108, 98)  
}
```

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(26, 108, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 108, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.402, 182.937 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(26, 108, 98) }
```

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

```
.border{ border-color:rgb(26, 108, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 108, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 108, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 108, 98);  
box-shadow:4px 4px 4px 4px rgb(26, 108,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.402, 182.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 108, 98) }
```

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

```
.background{ background-color: rgb(26, 108,  
98) }
```

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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