

Converting Colors

CIELCh(41, 25.692, 181.811)

Have a look what the booklet for
CIELCh(41, 25.692, 181.811)
contains.

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Color

CIELCh(41, 25.901, 181.344)

Conversions

Conversions Part 1

Format	Color
Hex	1F6C61
RGB	31, 108, 97
RGB Percent	12%, 42%, 38%
CMY	0.8787, 0.5767, 0.6198
CMYK	0.71, 0.00, 0.10, 0.58
HSL	171°, 55%, 27%
HSV	171°, 71%, 42%
XYZ	8.0740, 11.8645, 13.1595
YIQ	83.7230, -42.3610, -19.7450

Conversions

Conversions Part 2

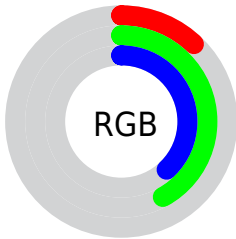
Format	Color
R_{YB}	31, 72, 108
Decimal	2059361
CIE Lab	41.00, -25.89, -0.61
CIE LCh	41, 25.901, 181.344
Yxy	11.8645, 0.2439, 0.3585
Android (android.graphics.Color)	4280249441 (0xFF1F6C61)
YUV	83.7230, 6.5456, -46.2381
Hunter-Lab	34.4449, -18.4379, 1.4600

Details

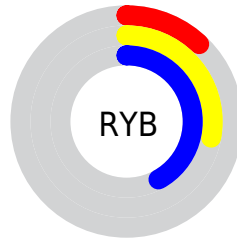
The CIELCh color **41, 25.901, 181.344** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 36.960, 19.419**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 25.849, 181.874**, and **22, 20.320, 178.465** is the 20% darker color. If you saturate the color by 10%, you get **41, 27.881, 180.194**, and if you desaturate by 10%, it is **41, 23.422, 182.399**.

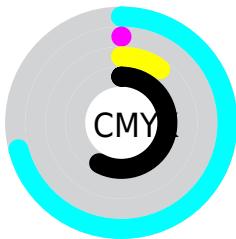
Distribution



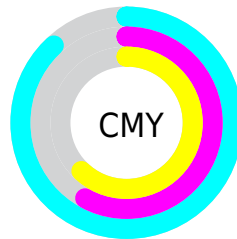
- Red (12%)
- Green (42%)
- Blue (38%)



- Red (12%)
- Yellow (28%)
- Blue (42%)



- Cyan (71%)
- Magenta (0%)
- Yellow (10%)
- Black (58%)




- Cyan (88%)
- Magenta (58%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.901, 181.344 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, 25.901, 181.344 by changing the saturation by 10% instead.


 41, 25.901,
181.344


 41, 25.901,
181.344


 100, 25.901,
181.344


 31, 25.901,
181.344

 61, 25.901,
181.344


 21, 25.901,
181.344

 71, 25.901,
181.344

 11, 25.901,
181.344


 81, 25.901,
181.344

 1, 25.901, 181.344

 91, 25.901,
181.344

 0, 25.901, 181.344

 41, 25.901,

 41, 25.901,

181.344

181.344

■ 41, 27.881,
180.194

■ 41, 23.422,
182.399

■ 41, 29.367,
178.936

■ 42, 20.470,
183.382

■ 40, 30.487,
177.850

■ 42, 17.093,
184.306

■ 43, 13.352,
185.187

■ 44, 9.313, 186.037

■ 45, 5.043, 186.879

■ 45, 0.606, 188.153

■ 46, 3.944, 8.282

■ 48, 8.560, 9.077

Harmonies

Complementary

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



41, 25.901, 181.344



25, 36.960, 19.419

Rectangle

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



41, 25.901, 181.344



41, 25.901, 231.344



41, 25.901, 1.344



41, 25.901, 51.344

Sweetspot

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



41, 25.901, 181.343



56, 11.351, 186.019



40, 50.934, 135.856



29, 7.708, 185.847



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, 25.901, 181.343



52, 34.962, 179.327



32, 21.660, 250.664



22, 2.490, 187.086



44, 32.394, 177.702



87, 56.292, 176.760

Inverse Universe

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



25, 36.960, 19.419



30, 54.175, 25.890



30, 32.562, 53.072



21, 2.590, 8.372



23, 53.164, 31.135



51, 94.503, 34.319

Previews

White Background



This preview shows how the CIELCh color 41, 25.901, 181.344 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, 25.901, 181.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

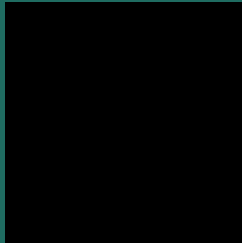
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.901, 181.344

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.901, 181.344.



This preview shows how white text looks on a background with the CIELCh color 41, 25.901, 181.344.

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, 25.901, 181.344

Protanopia

41, 3.842, 90.038

Deuteranopia

41, 6.278, 337.667



Tritanopia
41, 20.714, 212.664

Trichromacy



Original Color
41, 25.901, 181.344

Protanomaly
40, 11.319, 175.811

Deuteranomaly
40, 8.252, 202.676

Tritanomaly
41, 21.790, 200.141

Monochromacy



Original Color
41, 25.901, 181.344

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 11.395, 185.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.901, 181.344 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(31, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(31, 108, 97)  
}
```

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(31, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 108, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.901, 181.344 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(31, 108, 97) }
```

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

```
.border{ border-color:rgb(31, 108, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 108, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(31, 108,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.901, 181.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 108, 97) }
```

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

```
.background{ background-color: rgb(31, 108,  
97) }
```

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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