

Converting Colors

CIELCh(41, 31.289, 175.440)

Have a look what the booklet for
CIELCh(41, 31.289, 175.440)
contains.

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Color

CIELCh(41, 31.375, 175.368)

Conversions

Conversions Part 1

Format	Color
Hex	036E5C
RGB	3, 110, 92
RGB Percent	1%, 43%, 36%
CMY	0.9875, 0.5700, 0.6405
CMYK	0.97, 0.00, 0.16, 0.57
HSL	170°, 94%, 22%
HSV	170°, 97%, 43%
XYZ	7.4956, 11.8645, 11.9448
YIQ	75.9550, -57.9940, -28.2820

Conversions

Conversions Part 2

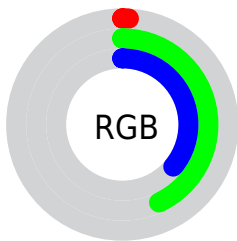
Format	Color
R_YB	3, 61, 110
Decimal	224860
CIE Lab	41.00, -31.27, 2.53
CIE LCh	41, 31.375, 175.368
Yxy	11.8645, 0.2394, 0.3790
Android (android.graphics.Color)	4278414940 (0xFF036E5C)
YUV	75.9550, 7.9102, -63.9815
Hunter-Lab	34.4449, -21.4350, 3.5508

Details

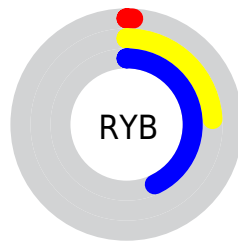
The CIELCh color **41, 31.375, 175.368** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 48.430, 27.797**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 31.303, 175.497**, and **22, 22.820, 169.343** is the 20% darker color. If you saturate the color by 10%, you get **41, 31.792, 174.974**, and if you desaturate by 10%, it is **41, 29.927, 176.791**.

Distribution



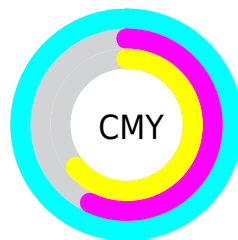
- Red (1%)
- Green (43%)
- Blue (36%)



- Red (1%)
- Yellow (24%)
- Blue (43%)



- Cyan (97%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)





- Cyan (99%)
- Magenta (57%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 31.375, 175.368 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, 31.375, 175.368 by changing the saturation by 10% instead.


 41, 31.375,
175.368


 41, 31.375,
175.368


 100, 31.375,
175.368


 31, 31.375,
175.368

 61, 31.375,
175.368


 21, 31.375,
175.368

 71, 31.375,
175.368

 11, 31.375,
175.368

 81, 31.375,
175.368

 1, 31.375, 175.368

 91, 31.375,
175.368

 0, 31.375, 175.368

 41, 31.375,

 41, 31.375,

175.368

175.368

■ 41, 31.792,
174.974

■ 41, 29.927,
176.791

■ 41, 28.096,
178.132

■ 42, 25.761,
179.353

■ 42, 22.934,
180.472

■ 43, 19.655,
181.508

■ 43, 15.980,
182.478

■ 44, 11.974,
183.398

■ 45, 7.709, 184.283

Harmonies

Complementary

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



41, 31.375, 175.368



22, 48.430, 27.797

Rectangle

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



41, 31.375, 175.368



41, 31.375, 225.368



41, 31.375, 355.368



41, 31.375, 45.368

Sweetspot

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



41, 31.375, 175.367



56, 15.812, 183.156



40, 62.006, 134.503



28, 10.688, 182.861



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, 31.375, 175.367



53, 38.651, 174.492



30, 25.881, 255.358



23, 2.615, 184.998



45, 33.937, 174.799



88, 58.636, 173.782

Inverse Universe

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



22, 48.430, 27.797



29, 60.916, 30.501



26, 46.980, 48.960



22, 2.713, 6.349



24, 53.191, 29.491



52, 93.636, 32.702

Previews

White Background



This preview shows how the CIELCh color 41, 31.375, 175.368 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, 31.375, 175.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

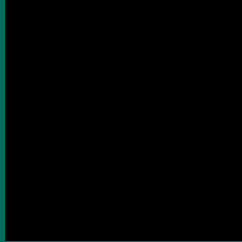
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 31.375, 175.368

Background



This preview shows how black text looks on a background with the CIELCh color 41, 31.375, 175.368.

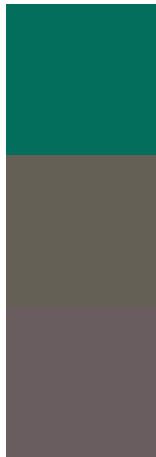


This preview shows how white text looks on a background with the CIELCh color 41, 31.375, 175.368.

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, 31.448, 175.408

Protanopia

41, 6.996, 90.900

Deuteranopia

41, 5.672, 7.836



Tritanopia
41, 22.446, 211.257

Trichromacy



Original Color
41, 31.448, 175.408

Protanomaly
40, 16.812, 166.779

Deuteranomaly
40, 12.211, 183.324

Tritanomaly
41, 24.708, 196.576

Monochromacy



Original Color
41, 31.448, 175.408

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 15.181, 182.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 31.375, 175.368 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(3, 110, 92)` looks like.

```
.text, #text, p{  
    color:rgb(3, 110, 92)  
}
```

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(3, 110, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 110, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 31.375, 175.368 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(3, 110, 92) }
```

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

```
.border{ border-color:rgb(3, 110, 92) }
```

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

Here you see how a box with a 4 pixel rgb(3, 110, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 110, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 110, 92);  
box-shadow:4px 4px 4px 4px rgb(3, 110, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 31.375, 175.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 110, 92) }
```

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

```
.background{ background-color: rgb(3, 110,  
92) }
```

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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