

Converting Colors

CIELCh(37, 26.811, 184.939)

Have a look what the booklet for
CIELCh(37, 26.811, 184.939)
contains.

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Color

CIELCh(37, 26.631, 185.307)

Conversions

Conversions Part 1

Format	Color
Hex	01625A
RGB	1, 98, 90
RGB Percent	0%, 38%, 35%
CMY	0.9975, 0.6145, 0.6459
CMYK	0.99, 0.00, 0.08, 0.61
HSL	175°, 99%, 19%
HSV	175°, 99%, 39%
XYZ	6.2609, 9.5379, 11.2478
YIQ	68.0850, -55.2440, -23.0520

Conversions

Conversions Part 2

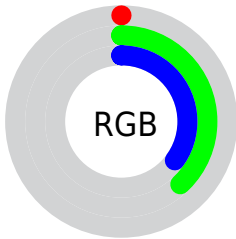
Format	Color
R _Y B	1, 52, 98
Decimal	90714
CIE Lab	37.00, -26.52, -2.46
CIE LCh	37, 26.631, 185.307
Yxy	9.5379, 0.2315, 0.3526
Android (android.graphics.Color)	4278280794 (0xFF01625A)
YUV	68.0850, 10.8041, -58.8335
Hunter-Lab	30.8835, -17.8592, 0.0250

Details

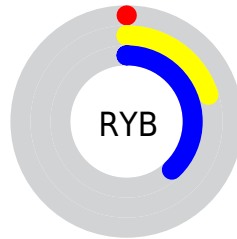
The CIELCh color **37, 26.631, 185.307** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 47.079, 32.098**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 26.407, 185.646**, and **18, 17.661, 182.365** is the 20% darker color. If you saturate the color by 10%, you get **37, 26.699, 185.254**, and if you desaturate by 10%, it is **37, 25.597, 186.138**.

Distribution



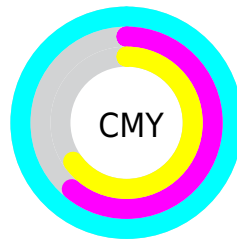
- Red (0%)
- Green (38%)
- Blue (35%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (99%)
- Magenta (0%)
- Yellow (8%)
- Black (61%)





- Cyan (100%)
- Magenta (61%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 26.631, 185.307 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 37, 26.631, 185.307 by changing the saturation by 10% instead.


 37, 26.631,
185.307


 37, 26.631,
185.307

 100, 26.631,
185.307


 27, 26.631,
185.307

 57, 26.631,
185.307


 17, 26.631,
185.307


 67, 26.631,
185.307

 7, 26.631, 185.307

 77, 26.631,
185.307

 0, 26.631, 185.307

 87, 26.631,
185.307

 97, 26.631,
185.307

■ 37, 26.631,
185.307

■ 37, 26.631,
185.307

■ 37, 26.699,
185.254

■ 37, 25.597,
186.138

■ 37, 24.330,
186.967

■ 38, 22.597,
187.747

■ 38, 20.398,
188.491

■ 38, 17.760,
189.213

■ 39, 14.723,
189.920

■ 39, 11.344,
190.622

■ 40, 7.679, 191.326

Harmonies

Complementary

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



37, 26.631, 185.307



19, 47.079, 32.098

Rectangle

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



37, 26.631, 185.307



37, 26.631, 235.307



37, 26.631, 5.307



37, 26.631, 55.307

Sweetspot

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



37, 26.631, 185.306



51, 14.295, 190.514



36, 58.769, 135.352



25, 9.583, 190.316



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37, 26.631, 185.306



48, 32.198, 184.950



23, 28.678, 271.033



20, 2.248, 192.095



42, 29.349, 185.091



86, 51.576, 184.436

Inverse Universe

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



19, 47.079, 32.098



25, 58.745, 35.019



24, 41.855, 55.689



18, 2.350, 13.191



22, 52.865, 33.802



50, 96.393, 37.373

Previews

White Background



This preview shows how the CIELCh color 37, 26.631, 185.307 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 37, 26.631, 185.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

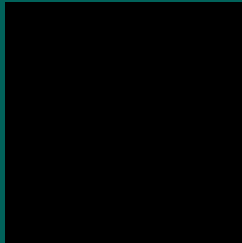
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 26.631, 185.307

Background



This preview shows how black text looks on a background with the CIELCh color 37, 26.631, 185.307.



This preview shows how white text looks on a background with the CIELCh color 37, 26.631, 185.307.

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


37, 26.546, 185.283

Protanopia

37, 2.029, 84.691

Deuteranopia

37, 6.004, 324.853



Tritanopia
37, 21.409, 210.447

Trichromacy



Original Color
37, 26.546, 185.283

Protanomaly
36, 13.651, 184.370

Deuteranomaly
36, 11.792, 203.992

Tritanomaly
37, 23.018, 199.727

Monochromacy



Original Color
37, 26.546, 185.283

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 13.674, 189.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 26.631, 185.307 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(1, 98, 90)` looks like.

```
.text, #text, p{  
    color:rgb(1, 98, 90)  
}
```

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(1, 98, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 98, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 26.631, 185.307 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(1, 98, 90) }
```

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

```
.border{ border-color:rgb(1, 98, 90) }
```

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

Here you see how a box with a 4 pixel rgb(1, 98, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 98, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 98, 90); box-shadow:4px  
4px 4px 4px rgb(1, 98, 90) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 26.631, 185.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 98, 90) }
```

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

```
.background{ background-color: rgb(1, 98,  
90) }
```

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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