

Converting Colors

CIELCh(36, 30.073, 171.597)

Have a look what the booklet for
CIELCh(36, 30.073, 171.597)
contains.

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Color

CIELCh(36, 30.211, 171.352)

Conversions

Conversions Part 1

Format	Color
Hex	01614D
RGB	1, 97, 77
RGB Percent	0%, 38%, 30%
CMY	0.9955, 0.6213, 0.6996
CMYK	0.99, 0.00, 0.21, 0.62
HSL	167°, 98%, 19%
HSV	167°, 99%, 38%
XYZ	5.5750, 9.0082, 8.3917
YIQ	66.0160, -50.7960, -26.5720

Conversions

Conversions Part 2

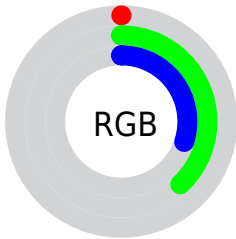
Format	Color
R_{YB}	1, 55, 97
Decimal	90445
CIE _{Lab}	36.00, -29.87, 4.54
CIE _{LCh}	36, 30.211, 171.352
Yxy	9.0082, 0.2427, 0.3921
Android (android.graphics.Color)	4278280525 (0xFF01614D)
YUV	66.0160, 5.4151, -57.0190
Hunter-Lab	30.0136, -19.3673, 4.4322

Details

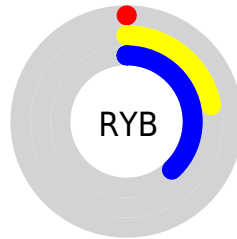
The CIELCh color **36, 30.211, 171.352** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18, 43.588, 24.435**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 30.159, 171.844**, and **17, 21.381, 164.061** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.403, 171.183**, and if you desaturate by 10%, it is **36, 28.626, 172.852**.

Distribution



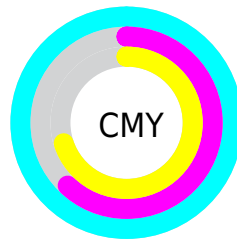
- Red (0%)
- Green (38%)
- Blue (30%)



- Red (0%)
- Yellow (22%)
- Blue (38%)



- Cyan (99%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)





- Cyan (100%)
- Magenta (62%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 30.211, 171.352 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 36, 30.211, 171.352 by changing the saturation by 10% instead.


 36, 30.211,
171.352


 36, 30.211,
171.352


 100, 30.211,
171.352


 26, 30.211,
171.352

 56, 30.211,
171.352


 16, 30.211,
171.352


 66, 30.211,
171.352

 6, 30.211, 171.352

 76, 30.211,
171.352

 0, 30.211, 171.352

 86, 30.211,
171.352

 96, 30.211,
171.352

■ 36, 30.211,
171.352

■ 36, 30.211,
171.352

■ 36, 30.403,
171.183

■ 36, 28.626,
172.852

■ 36, 26.812,
174.339

■ 37, 24.559,
175.686

■ 37, 21.878,
176.913

■ 38, 18.804,
178.037

■ 38, 15.388,
179.079

■ 39, 11.688,
180.054

■ 39, 7.767, 180.980

Harmonies

Complementary

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



36, 30.211, 171.352



18, 43.588, 24.435

Rectangle

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



36, 30.211, 171.352



36, 30.211, 221.352



36, 30.211, 351.352



36, 30.211, 41.352

Sweetspot

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



36, 30.211, 171.351



49, 14.982, 179.856



35, 56.696, 133.824



25, 10.235, 179.575



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 30.211, 171.351



46, 36.770, 170.592



27, 22.744, 249.136



20, 2.353, 181.882



42, 33.946, 170.823



85, 60.304, 169.570

Inverse Universe

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



18, 43.588, 24.435



25, 53.576, 26.696



21, 43.151, 46.315



18, 2.429, 3.234



22, 49.346, 25.984



50, 88.891, 29.725

Previews

White Background



This preview shows how the CIELCh color 36, 30.211, 171.352 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 36, 30.211, 171.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

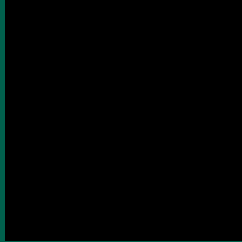
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 30.211, 171.352

Background



This preview shows how black text looks on a background with the CIELCh color 36, 30.211, 171.352.



This preview shows how white text looks on a background with the CIELCh color 36, 30.211, 171.352.

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

36, 30.299, 171.415

Protanopia

36, 8.351, 93.031

Deuteranopia

36, 5.895, 32.222



Tritanopia
36, 20.020, 211.594

Trichromacy



Original Color
36, 30.299, 171.415

Protanomaly
35, 16.686, 160.516

Deuteranomaly
35, 11.840, 172.753

Tritanomaly
36, 22.683, 193.360

Monochromacy



Original Color
36, 30.299, 171.415

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 14.636, 179.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 30.211, 171.352 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, 97, 77)` looks like.

```
.text, #text, p{  
    color:rgb(1, 97, 77)  
}
```

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, 97, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 97, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 30.211, 171.352 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, 97, 77) }
```

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

```
.border{ border-color:rgb(1, 97, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 97, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 97, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 97, 77); box-shadow:4px  
4px 4px 4px rgb(1, 97, 77) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 30.211, 171.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 97, 77) }
```

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

```
.background{ background-color: rgb(1, 97,  
77) }
```

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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