

Converting Colors

CIELCh(32, 66.970, 186.413)

Have a look what the booklet for
CIELCh(32, 66.970, 186.413)
contains.

CIELCh(36, 26.854, 182.555)	3
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Color

CIELCh(36, 26.854, 182.555)

Conversions

Conversions Part 1

Format	Color
Hex	006056
RGB	0, 96, 86
RGB Percent	0%, 38%, 34%
CMY	1.0000, 0.6241, 0.6633
CMYK	1.00, 0.00, 0.10, 0.62
HSL	174°, 100%, 19%
HSV	174°, 100%, 38%
XYZ	5.8409, 9.0082, 10.2065
YIQ	66.1560, -54.0060, -23.4620

Conversions

Conversions Part 2

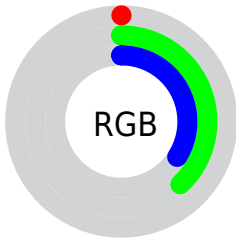
Format	Color
RYB	0, 51, 96
Decimal	24662
CIELab	36.00, -26.83, -1.20
CIELCh	36, 26.854, 182.555
Yxy	9.0082, 0.2331, 0.3595
Android (android.graphics.Color)	4278214742 (0xFF006056)
YUV	66.1560, 9.7831, -58.0188
Hunter-Lab	30.0136, -17.7862, 0.8472

Details

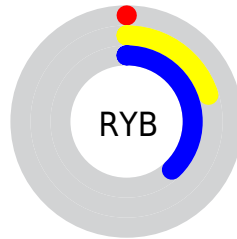
The CIELCh color **36, 26.854, 182.555** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18, 45.915, 30.871**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 26.610, 183.121**, and **17, 17.990, 177.782** is the 20% darker color. If you saturate the color by 10%, you get **36, 26.830, 182.545**, and if you desaturate by 10%, it is **36, 25.707, 183.519**.

Distribution



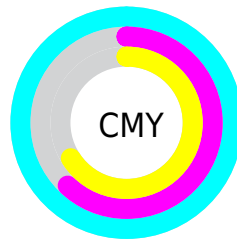
- Red (0%)
- Green (38%)
- Blue (34%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (62%)





- Cyan (100%)
- Magenta (62%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 26.854, 182.555 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, 26.854, 182.555 by changing the saturation by 10% instead.


 36, 26.854,
182.555


 36, 26.854,
182.555

 100, 26.854,
182.555


 26, 26.854,
182.555

 56, 26.854,
182.555


 16, 26.854,
182.555


 66, 26.854,
182.555

 6, 26.854, 182.555

 76, 26.854,
182.555

 0, 26.854, 182.555

 86, 26.854,
182.555

 96, 26.854,
182.555

■ 36, 26.854,
182.555

■ 36, 26.854,
182.555

■ 36, 26.830,
182.545

■ 36, 25.707,
183.519

■ 36, 24.401,
184.501

■ 37, 22.644,
185.413

■ 37, 20.436,
186.269

■ 37, 17.802,
187.083

■ 38, 14.785,
187.868

■ 38, 11.439,
188.633

■ 39, 7.821, 189.388

Harmonies

Complementary

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



36, 26.854, 182.555



18, 45.915, 30.871

Rectangle

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



36, 26.854, 182.555



36, 26.854, 232.555



36, 26.854, 2.555



36, 26.854, 52.555

Sweetspot

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



36, 26.830, 182.545



50, 14.189, 188.563



35, 57.698, 134.973



25, 9.673, 188.342



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, 26.830, 182.545



47, 32.484, 182.161



24, 26.591, 266.409



20, 2.262, 190.248



42, 30.039, 182.307



86, 52.885, 181.511

Inverse Universe

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



18, 45.915, 30.871



25, 57.142, 33.815



23, 41.626, 52.989



18, 2.358, 11.407



22, 52.347, 32.833



50, 95.212, 36.363

Previews

White Background



This preview shows how the CIELCh color 36, 26.854, 182.555 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, 26.854, 182.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

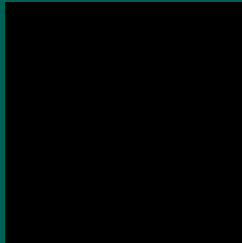
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 26.854, 182.555

Background



This preview shows how black text looks on a background with the CIELCh color 36, 26.854, 182.555.



This preview shows how white text looks on a background with the CIELCh color 36, 26.854, 182.555.

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, 26.854, 182.555

Protanopia

36, 3.355, 86.544

Deuteranopia

36, 5.812, 331.865



Tritanopia
36, 20.869, 209.086

Trichromacy



Original Color
36, 26.854, 182.555

Protanomaly
35, 13.857, 179.037

Deuteranomaly
35, 11.180, 201.151

Tritanomaly
36, 22.905, 196.555

Monochromacy



Original Color
36, 26.854, 182.555

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 13.886, 186.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 26.854, 182.555 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(0, 96, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 86)  
}
```

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(0, 96, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 26.854, 182.555 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(0, 96, 86) }
```

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

```
.border{ border-color:rgb(0, 96, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 96, 86); box-shadow:4px  
4px 4px 4px rgb(0, 96, 86) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 26.854, 182.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 86) }
```

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

```
.background{ background-color: rgb(0, 96,  
86) }
```

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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