

Converting Colors

CIELCh(36, 26.388, 248.436)

Have a look what the booklet for
CIELCh(36, 26.388, 248.436)
contains.

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Color

CIELCh(36, 26.571, 249.008)

Conversions

Conversions Part 1

Format	Color
Hex	0B5B7C
RGB	11, 91, 124
RGB Percent	4%, 36%, 49%
CMY	0.9568, 0.6431, 0.5137
CMYK	0.91, 0.27, 0.00, 0.51
HSL	198°, 84%, 26%
HSV	198°, 91%, 49%
XYZ	7.5168, 9.0082, 20.4109
YIQ	70.8420, -58.2730, -6.6970

Conversions

Conversions Part 2

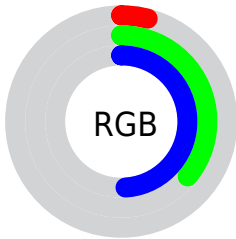
Format	Color
RYB	11, 58, 124
Decimal	744316
CIELab	36.00, -9.52, -24.81
CIElCh	36, 26.571, 249.008
Yxy	9.0082, 0.2035, 0.2439
Android (android.graphics.Color)	4278934396 (0xFF0B5B7C)
YUV	70.8420, 26.2069, -52.4814
Hunter-Lab	30.0136, -7.8190, -19.3109

Details

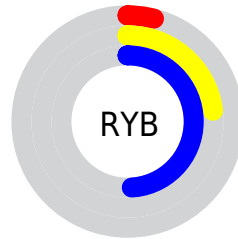
The CIELCh color **36, 26.571, 249.008** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30, 49.581, 47.902**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 26.746, 249.243**, and **17, 22.589, 266.843** is the 20% darker color. If you saturate the color by 10%, you get **35, 27.953, 252.739**, and if you desaturate by 10%, it is **37, 24.937, 245.005**.

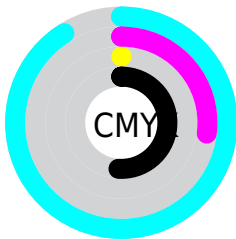
Distribution



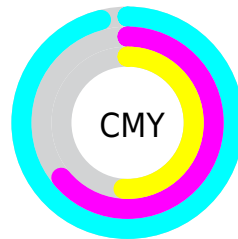
- Red (4%)
- Green (36%)
- Blue (49%)



- Red (4%)
- Yellow (23%)
- Blue (49%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)





- Cyan (96%)
- Magenta (64%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 26.571, 249.008 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, 26.571, 249.008 by changing the saturation by 10% instead.


 36, 26.571,
249.008


 36, 26.571,
249.008

 100, 26.571,
249.008


 26, 26.571,
249.008

 56, 26.571,
249.008


 16, 26.571,
249.008


 66, 26.571,
249.008

 6, 26.571, 249.008

 76, 26.571,
249.008

 0, 26.571, 249.008

 86, 26.571,
249.008

 96, 26.571,
249.008

■ 36, 26.571,
249.008

■ 36, 26.571,
249.008

■ 35, 27.953,
252.739

■ 37, 24.937,
245.005

■ 39, 23.003,
241.638

■ 41, 20.719,
238.869

■ 42, 18.072,
236.628

■ 44, 15.080,
234.834

■ 46, 11.779,
233.409

■ 48, 8.212, 232.288

■ 50, 4.424, 231.428

Harmonies

Complementary

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



36, 26.571, 249.008



30, 49.581, 47.902

Rectangle

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



36, 26.571, 249.008



36, 26.571, 299.008



36, 26.571, 69.008



36, 26.571, 119.008

Sweetspot

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



36, 26.570, 249.009



59, 12.754, 232.987



45, 58.387, 142.843



30, 8.594, 233.318



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



36, 26.570, 249.009



45, 34.081, 254.033



19, 59.285, 298.582



25, 2.225, 231.285



35, 28.116, 252.781



69, 48.419, 255.682

Inverse Universe

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



28, 53.507, 342.250



35, 65.808, 344.080



43, 47.627, 88.291



24, 4.018, 334.517



27, 55.042, 343.614



56, 91.744, 344.714

Previews

White Background



This preview shows how the CIE LCh color 36, 26.571, 249.008 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, 26.571, 249.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

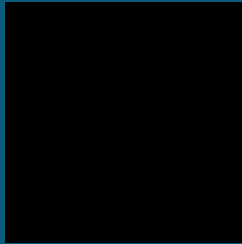
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 26.571, 249.008

Background



This preview shows how black text looks on a background with the CIELCh color 36, 26.571, 249.008.

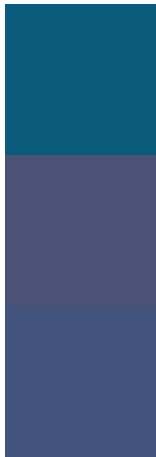


This preview shows how white text looks on a background with the CIELCh color 36, 26.571, 249.008.

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, 26.571, 249.008

Protanopia

36, 21.862, 285.410

Deuteranopia

36, 26.435, 281.603



Tritanopia
36, 23.350, 207.503

Trichromacy



Original Color
36, 26.571, 249.008

Protanomaly
35, 23.209, 265.542

Deuteranomaly
36, 25.808, 266.021

Tritanomaly
36, 23.089, 222.850

Monochromacy



Original Color
36, 26.571, 249.008

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 12.710, 235.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 26.571, 249.008 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(11, 91, 124)` looks like.

```
.text, #text, p{  
    color:rgb(11, 91, 124)  
}
```

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(11, 91, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 91, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 26.571, 249.008 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(11, 91, 124) }
```

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

```
.border{ border-color:rgb(11, 91, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 91, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 91, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 91, 124);  
box-shadow:4px 4px 4px 4px rgb(11, 91,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 26.571, 249.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 91, 124) }
```

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

```
.background{ background-color: rgb(11, 91,  
124) }
```

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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