

Converting Colors

CIELCh(36, 17.889, 226.076)

Have a look what the booklet for
CIELCh(36, 17.889, 226.076)
contains.

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Color

CIELCh(36, 17.926, 226.949)

Conversions

Conversions Part 1

Format	Color
Hex	295B69
RGB	41, 91, 105
RGB Percent	16%, 36%, 41%
CMY	0.8385, 0.6425, 0.5876
CMYK	0.61, 0.13, 0.00, 0.59
HSL	193°, 44%, 29%
HSV	193°, 61%, 41%
XYZ	7.2348, 9.0082, 14.7663
YIQ	77.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

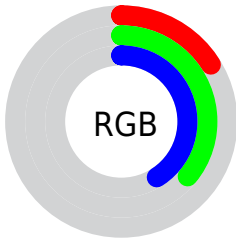
Format	Color
RYB	41, 69, 105
Decimal	2710377
CIELab	36.00, -12.24, -13.10
CIELCh	36, 17.926, 226.949
Yxy	9.0082, 0.2333, 0.2905
Android (android.graphics.Color)	4280900457 (0xFF295B69)
YUV	77.6460, 13.4855, -32.1385
Hunter-Lab	30.0136, -9.4963, -8.1605




Details

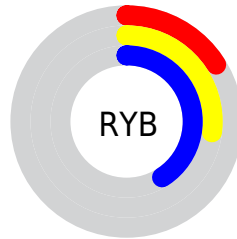
The CIELCh color **36, 17.926, 226.949** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 27.796, 41.839**, and the grayscale version is **33, 0.005, 296.813**.




A 20% lighter version of the original color is **56, 17.865, 227.076**, and **16, 15.270, 234.299** is the 20% darker color. If you saturate the color by 10%, you get **35, 19.726, 228.906**, and if you desaturate by 10%, it is **37, 15.738, 225.407**.

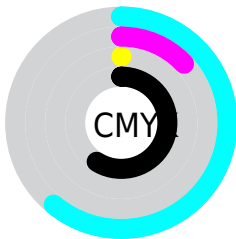
Distribution







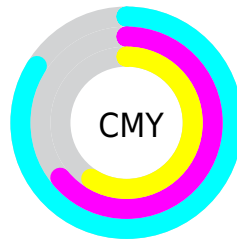
-  Red (16%)
-  Green (36%)
-  Blue (41%)






-  Red (16%)
-  Yellow (27%)
-  Blue (41%)



-  Cyan (61%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (59%)





-  Cyan (84%)
-  Magenta (64%)
-  Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 17.926, 226.949 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, 17.926, 226.949 by changing the saturation by 10% instead.


 36, 17.926,
226.949


 36, 17.926,
226.949

 100, 17.926,
226.949


 26, 17.926,
226.949

 56, 17.926,
226.949


 16, 17.926,
226.949


 66, 17.926,
226.949

 6, 17.926, 226.949

 76, 17.926,
226.949

 0, 17.926, 226.949

 86, 17.926,
226.949

 96, 17.926,
226.949

■ 36, 17.926,
226.949

■ 36, 17.926,
226.949

■ 35, 19.726,
228.906

■ 37, 15.738,
225.407

■ 34, 21.131,
231.357

■ 39, 13.192,
224.214

■ 33, 22.162,
234.366

■ 40, 10.329,
223.305

■ 32, 23.005,
237.255

■ 41, 7.197, 222.629

■ 43, 3.841, 222.161

■ 44, 0.305, 222.811

■ 46, 3.372, 41.355

■ 48, 7.157, 41.245

■ 49, 11.022, 41.167

Harmonies

Complementary

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



36, 17.926, 226.949



29, 27.796, 41.839

Rectangle

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



36, 17.926, 226.949



36, 17.926, 276.949



36, 17.926, 46.949



36, 17.926, 96.949

Sweetspot

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



36, 17.926, 226.948



54, 7.806, 222.502



39, 39.260, 145.638



27, 5.351, 222.622



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



36, 17.926, 226.948



45, 24.710, 229.883



26, 30.211, 285.720



22, 2.030, 222.101



36, 24.899, 237.811



72, 43.222, 240.484

Inverse Universe

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



28, 38.895, 335.191



34, 55.016, 336.315



38, 29.047, 87.478



21, 3.784, 331.695



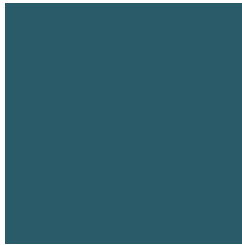
25, 55.335, 338.791



55, 94.363, 339.571

Previews

White Background



This preview shows how the CIELCh color 36, 17.926, 226.949 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 CIE LCh color 36, 17.926, 226.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

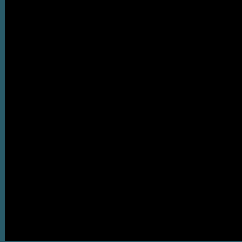
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

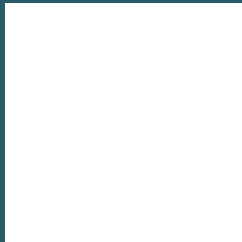
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 17.926, 226.949

Background



This preview shows how black text looks on a background with the CIELCh color 36, 17.926, 226.949.



This preview shows how white text looks on a background with the CIELCh color 36, 17.926, 226.949.

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, 17.926, 226.949

Protanopia

36, 9.985, 285.025

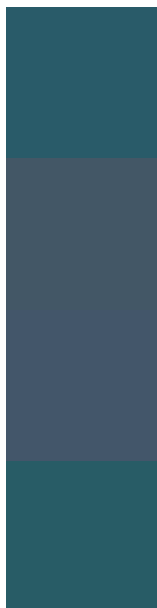
Deuteranopia

36, 14.924, 289.687



Tritanopia
36, 17.886, 213.623

Trichromacy



Original Color
36, 17.926, 226.949

Protanomaly
36, 11.680, 252.106

Deuteranomaly
36, 13.962, 262.507

Tritanomaly
36, 17.807, 218.038

Monochromacy



Original Color
36, 17.926, 226.949

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 7.690, 222.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 17.926, 226.949 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(41, 91, 105)` looks like.

```
.text, #text, p{  
    color:rgb(41, 91, 105)  
}
```

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(41, 91, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 91, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 17.926, 226.949 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(41, 91, 105) }
```

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

```
.border{ border-color:rgb(41, 91, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 91, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 91, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 91, 105);  
box-shadow:4px 4px 4px 4px rgb(41, 91,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 17.926, 226.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 91, 105) }
```

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

```
.background{ background-color: rgb(41, 91,  
105) }
```

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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