

Converting Colors

CIELCh(36, 17.565, 330.553)

Have a look what the booklet for
CIELCh(36, 17.565, 330.553)
contains.

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Color

CIELCh(36, 18.077, 330.266)

Conversions

Conversions Part 1

Format	Color
Hex	674C63
RGB	103, 76, 99
RGB Percent	40%, 30%, 39%
CMY	0.5950, 0.7010, 0.6108
CMYK	0.00, 0.26, 0.04, 0.60
HSL	309°, 15%, 35%
HSV	309°, 26%, 40%
XYZ	10.4898, 9.0082, 13.0550
YIQ	86.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

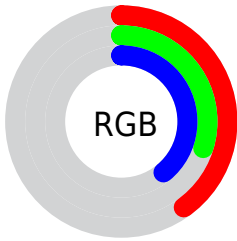
Format	Color
RYB	103, 76, 99
Decimal	6769763
CIELab	36.00, 15.70, -8.97
CIElCh	36, 18.077, 330.266
Yxy	9.0082, 0.3222, 0.2767
Android (android.graphics.Color)	4284959843 (0xFF674C63)
YUV	86.6950, 6.0664, 14.2995
Hunter-Lab	30.0136, 9.8620, -4.7798

Details

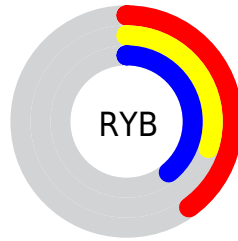
The CIELCh color $[36, 18.077, 330.266]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[41, 18.029, 147.054]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 18.175, 329.540]$, and $[16, 18.039, 330.259]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 24.906, 330.859]$, and if you desaturate by 10%, it is $[39, 11.142, 329.680]$.

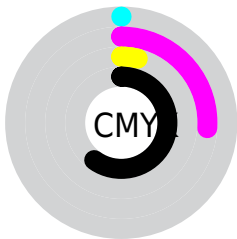
Distribution



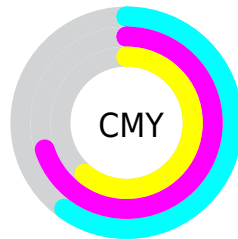
- Red (40%)
- Green (30%)
- Blue (39%)



- Red (40%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (60%)




- Cyan (60%)
- Magenta (70%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 18.077, 330.266 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, 18.077, 330.266 by changing the saturation by 10% instead.


 36, 18.077,
330.266


 36, 18.077,
330.266

 100, 18.077,
330.266


 26, 18.077,
330.266

 56, 18.077,
330.266


 16, 18.077,
330.266


 66, 18.077,
330.266

 6, 18.077, 330.266

 76, 18.077,
330.266

 0, 18.077, 330.266

 86, 18.077,
330.266

 96, 18.077,
330.266

■ 36, 18.077,
330.266

■ 36, 18.077,
330.266

■ 33, 24.906,
330.859

■ 39, 11.142,
329.680

■ 31, 31.473,
331.455

■ 42, 4.223, 329.085

■ 45, 2.603, 148.648

■ 28, 37.564,
332.052

■ 48, 9.289, 148.067

■ 26, 42.926,
332.650

■ 51, 15.806,
147.550

■ 25, 47.296,
333.252

■ 54, 22.140,
147.061

■ 24, 50.443,
333.870


■ 57, 28.289,
146.597

■ 23, 52.508,
334.506

■ 61, 34.254,
146.158

■ 22, 53.294,

334.744

 64, 40.043,
145.743

Harmonies

Complementary

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



36, 18.077, 330.266



41, 18.029, 147.054

Rectangle

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



36, 18.077, 330.266



36, 18.077, 20.266



36, 18.077, 150.266



36, 18.077, 200.266

Sweetspot

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



36, 18.076, 330.266



53, 6.853, 329.213



34, 17.084, 297.644



27, 4.912, 329.285



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, 18.076, 330.266



45, 26.691, 330.606



36, 13.211, 354.006



20, 3.818, 329.253



25, 57.354, 334.835



55, 98.804, 335.306

Inverse Universe

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



36, 18.076, 330.266



45, 26.691, 330.606



41, 12.498, 169.160



20, 3.818, 329.253



25, 57.354, 334.835



55, 98.804, 335.306

Previews

White Background



This preview shows how the CIELCh color 36, 18.077, 330.266 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, 18.077, 330.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

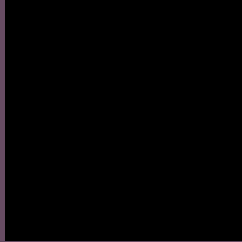
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 18.077, 330.266

Background



This preview shows how black text looks on a background with the CIELCh color 36, 18.077, 330.266.



This preview shows how white text looks on a background with the CIELCh color 36, 18.077, 330.266.

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, 18.077, 330.266

Protanopia

36, 13.093, 285.592

Deuteranopia

36, 9.492, 301.472



Tritanopia
36, 10.288, 359.960

Trichromacy



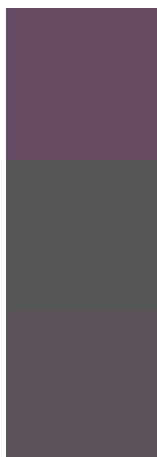
Original Color
36, 18.077, 330.266

Protanomaly
36, 14.027, 303.718

Deuteranomaly
36, 11.700, 316.595

Tritanomaly
36, 12.660, 345.599

Monochromacy



Original Color
36, 18.077, 330.266

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 6.539, 331.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 18.077, 330.266 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(103, 76, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 76, 99)  
}
```

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(103, 76, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 76, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 18.077, 330.266 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(103, 76, 99) }
```

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

```
.border{ border-color:rgb(103, 76, 99) }
```

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

Here you see how a box with a 4 pixel rgb(103, 76, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 76, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 76, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 76,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 18.077, 330.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 76, 99) }
```

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

```
.background{ background-color: rgb(103, 76,  
99) }
```

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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