

Converting Colors

CIELCh(36, 10.764, 105.440)

Have a look what the booklet for
CIELCh(36, 10.764, 105.440)
contains.

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Color

CIELCh(36, 11.082, 105.962)

Conversions

Conversions Part 1

Format	Color
Hex	575644
RGB	87, 86, 68
RGB Percent	34%, 34%, 27%
CMY	0.6605, 0.6644, 0.7349
CMYK	0.00, 0.01, 0.22, 0.66
HSL	57°, 12%, 30%
HSV	57°, 22%, 34%
XYZ	8.2175, 9.0082, 6.7106
YIQ	84.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

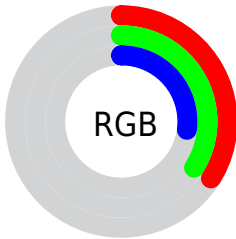
Format	Color
RYB	69, 87, 68
Decimal	5723716
CIELab	36.00, -3.05, 10.65
CIELCh	36, 11.082, 105.962
Yxy	9.0082, 0.3433, 0.3763
Android (android.graphics.Color)	4283913796 (0xFF575644)
YUV	84.2470, -8.0098, 2.4144
Hunter-Lab	30.0136, -3.6520, 7.7532

Details

The CIELCh color **36, 11.082, 105.962** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **30, 11.552, 290.354**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 11.370, 106.719**, and **16, 11.021, 107.185** is the 20% darker color. If you saturate the color by 10%, you get **36, 16.082, 105.030**, and if you desaturate by 10%, it is **36, 6.036, 106.898**.

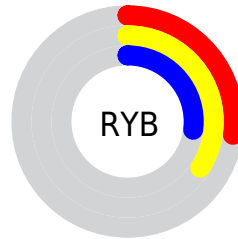
Distribution



Red (34%)

Green (34%)

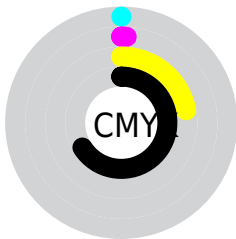
Blue (27%)



Red (27%)

Yellow (34%)

Blue (27%)

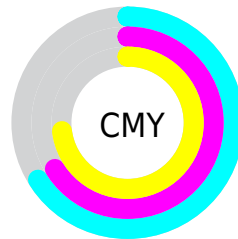


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (66%)



Cyan (66%)


Magenta (66%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 11.082, 105.962 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, 11.082, 105.962 by changing the saturation by 10% instead.


 36, 11.082,
105.962


 36, 11.082,
105.962

 100, 11.082,
105.962


 26, 11.082,
105.962

 56, 11.082,
105.962


 16, 11.082,
105.962


 66, 11.082,
105.962

 6, 11.082, 105.962

 76, 11.082,
105.962

 0, 11.082, 105.962

 86, 11.082,
105.962

 96, 11.082,
105.962

■ 36, 11.082,
105.962

■ 36, 11.082,
105.962

■ 36, 16.082,
105.030

■ 36, 6.036, 106.898

■ 35, 20.988,
104.099

■ 37, 0.970, 107.778

■ 37, 4.097, 288.737

■ 35, 25.732,
103.191

■ 38, 9.151, 289.603

■ 35, 30.211,
102.324

■ 38, 14.184,
290.441

■ 35, 34.272,
101.518

■ 39, 19.191,
291.246

■ 34, 37.712,
100.799

■ 39, 24.167,
292.015

■ 34, 40.382,
100.178

■ 40, 29.108,
292.746

■ 34, 42.584, 99.690

■ 40, 34.012,

Harmonies

Complementary

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



36, 11.082, 105.962



30, 11.552, 290.354

Rectangle

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



36, 11.082, 105.962



36, 11.082, 155.962



36, 11.082, 285.962



36, 11.082, 335.962

Sweetspot

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



36, 11.083, 105.967



47, 4.387, 107.327



31, 8.705, 15.604



23, 2.820, 107.309



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



36, 11.083, 105.967



46, 16.254, 105.505



36, 12.287, 125.739



17, 2.836, 107.187



42, 49.354, 99.599



87, 87.528, 99.369

Inverse Universe

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



30, 11.552, 290.354



37, 17.118, 290.996



30, 12.681, 307.730



16, 2.886, 288.861



10, 67.710, 305.098



30, 123.494, 305.815

Previews

White Background



This preview shows how the CIELCh color 36, 11.082, 105.962 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, 11.082, 105.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

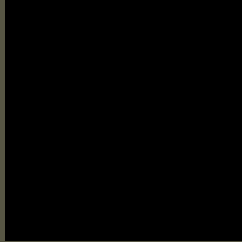
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

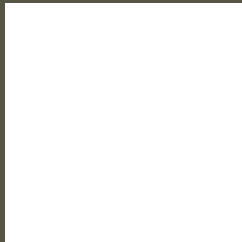
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 11.082, 105.962

Background



This preview shows how black text looks on a background with the CIELCh color 36, 11.082, 105.962.

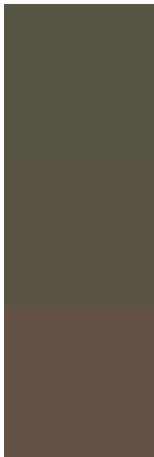


This preview shows how white text looks on a background with the CIELCh color 36, 11.082, 105.962.

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, 11.082, 105.962

Protanopia

36, 10.861, 93.622

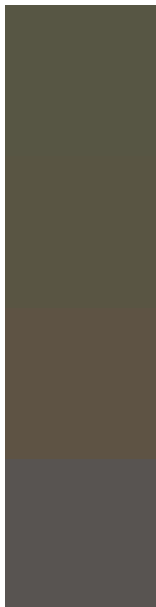
Deuteranopia

36, 11.380, 64.711



Tritanopia
36, 4.532, 324.750

Trichromacy



Original Color
36, 11.082, 105.962

Protanomaly
36, 11.243, 98.879

Deuteranomaly
36, 10.615, 79.927

Tritanomaly
36, 2.537, 66.424

Monochromacy



Original Color
36, 11.082, 105.962

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 4.327, 109.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 11.082, 105.962 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(87, 86, 68)` looks like.

```
.text, #text, p{  
    color:rgb(87, 86, 68)  
}
```

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(87, 86, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 86, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 11.082, 105.962 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(87, 86, 68) }
```

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

```
.border{ border-color:rgb(87, 86, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 86, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 86, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 86, 68);  
box-shadow:4px 4px 4px 4px rgb(87, 86, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 11.082, 105.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 86, 68) }
```

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

```
.background{ background-color: rgb(87, 86,  
68) }
```

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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