

Converting Colors

CIELCh(36, 15.249, 357.556)

Have a look what the booklet for
CIELCh(36, 15.249, 357.556)
contains.

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Color

CIELCh(36, 15.218, 358.118)

Conversions

Conversions Part 1

Format	Color
Hex	6C4C56
RGB	108, 76, 86
RGB Percent	42%, 30%, 34%
CMY	0.5769, 0.7023, 0.6631
CMYK	0.00, 0.30, 0.20, 0.58
HSL	341°, 17%, 36%
HSV	341°, 30%, 42%
XYZ	10.4260, 9.0082, 9.9733
YIQ	86.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

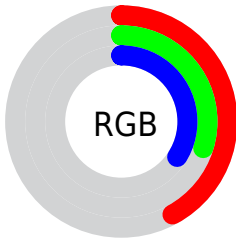
Format	Color
R_{YB}	108, 76, 86
Decimal	7097430
CIE Lab	36.00, 15.21, -0.50
CIE LCh	36, 15.218, 358.118
Yxy	9.0082, 0.3545, 0.3063
Android (android.graphics.Color)	4285287510 (0xFF6C4C56)
YUV	86.7080, -0.3490, 18.6731
Hunter-Lab	30.0136, 9.4826, 1.3079

Details

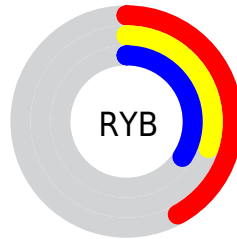
The CIELCh color **36, 15.218, 358.118** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **43, 14.065, 172.364**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 15.362, 357.163**, and **16, 15.614, 357.931** is the 20% darker color. If you saturate the color by 10%, you get **33, 20.563, 359.497**, and if you desaturate by 10%, it is **39, 9.934, 356.943**.

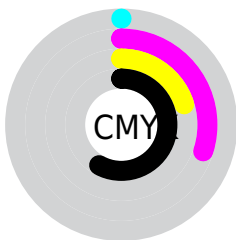
Distribution



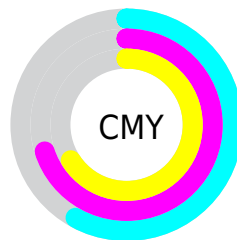
- Red (42%)
- Green (30%)
- Blue (34%)



- Red (42%)
- Yellow (30%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (58%)





- Cyan (58%)
- Magenta (70%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 15.218, 358.118 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, 15.218, 358.118 by changing the saturation by 10% instead.


 36, 15.218,
358.118


 36, 15.218,
358.118

 100, 15.218,
358.118


 26, 15.218,
358.118

 56, 15.218,
358.118


 16, 15.218,
358.118


 66, 15.218,
358.118

 6, 15.218, 358.118

 76, 15.218,
358.118

 0, 15.218, 358.118

 86, 15.218,
358.118

 96, 15.218,
358.118

36, 15.218,
358.118

36, 15.218,
358.118

33, 20.563,
359.497

39, 9.934, 356.943

30, 25.852, 1.142

42, 4.792, 355.899

28, 30.912, 3.147

46, 0.168, 176.872

25, 35.532, 5.632

49, 4.926, 174.344

24, 39.499, 8.742

52, 9.480, 173.603

22, 42.673, 12.617

56, 13.837,
172.949

21, 45.572, 16.774

59, 18.006,
172.355

21, 45.684, 16.911

63, 22.003,
171.812

66, 25.842,
171.312

Harmonies

Complementary

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



36, 15.218, 358.118



43, 14.065, 172.364

Rectangle

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



36, 15.218, 358.118



36, 15.218, 48.118



36, 15.218, 178.118



36, 15.218, 228.118

Sweetspot

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



36, 15.216, 358.121



55, 5.539, 355.858



36, 21.740, 316.399



28, 3.887, 355.974



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



36, 15.216, 358.121



44, 23.101, 359.107



37, 12.551, 37.522



21, 2.770, 355.829



23, 48.587, 17.485



52, 85.001, 21.077

Inverse Universe

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



36, 15.216, 358.121



44, 23.101, 359.107



41, 10.340, 218.557



21, 2.770, 355.829



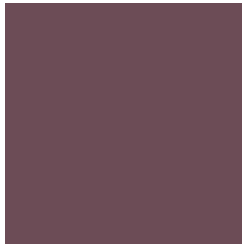
23, 48.587, 17.485



52, 85.001, 21.077

Previews

White Background



This preview shows how the CIELCh color 36, 15.218, 358.118 looks on a white background.

Color Contrast Check

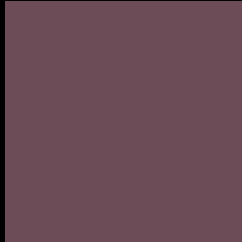
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.218, 358.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

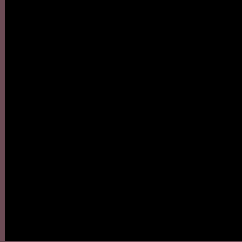
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 15.218, 358.118

Background



This preview shows how black text looks on a background with the CIELCh color 36, 15.218, 358.118.



This preview shows how white text looks on a background with the CIELCh color 36, 15.218, 358.118.

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, 15.218, 358.118

Protanopia

36, 4.378, 296.335

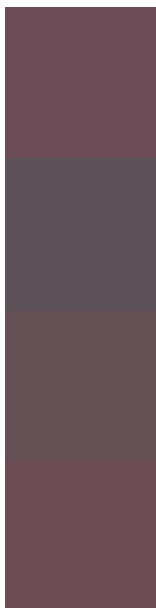
Deuteranopia

36, 5.117, 358.880



Tritanopia
36, 13.648, 8.618

Trichromacy



Original Color
36, 15.218, 358.118

Protanomaly
36, 7.147, 336.487

Deuteranomaly
36, 8.425, 359.212

Tritanomaly
36, 13.741, 6.090

Monochromacy



Original Color
36, 15.218, 358.118

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 5.739, 354.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 15.218, 358.118 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(108, 76, 86)` looks like.

```
.text, #text, p{  
    color:rgb(108, 76, 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(108, 76, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 76, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 15.218, 358.118 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(108, 76, 86) }
```

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

```
.border{ border-color:rgb(108, 76, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 76, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 76, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 76, 86);  
box-shadow:4px 4px 4px 4px rgb(108, 76,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 15.218, 358.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 76, 86) }
```

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

```
.background{ background-color: rgb(108, 76,  
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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