

Converting Colors

CIELCh(36, 23.289, 358.804)

Have a look what the booklet for
CIELCh(36, 23.289, 358.804)
contains.

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Color

CIELCh(36, 23.289, 358.804)

Conversions

Conversions Part 1

Format	Color
Hex	774656
RGB	119, 70, 86
RGB Percent	47%, 27%, 34%
CMY	0.5327, 0.7249, 0.6621
CMYK	0.00, 0.41, 0.28, 0.53
HSL	340°, 26%, 37%
HSV	340°, 41%, 47%
XYZ	11.5171, 9.0082, 9.9688
YIQ	86.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

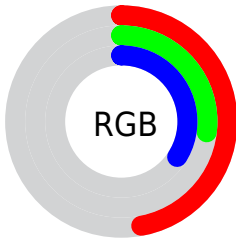
Format	Color
R_{YB}	119, 70, 86
Decimal	7816790
CIE _{Lab}	36.00, 23.28, -0.49
CIE _{LCh}	36, 23.289, 358.804
Yxy	9.0082, 0.3777, 0.2954
Android (android.graphics.Color)	4286006870 (0xFF774656)
YUV	86.4750, -0.2342, 28.5244
Hunter-Lab	30.0136, 15.9718, 1.3168

Details

The CIELCh color $[36, 23.289, 358.804]$ is a dark color, and the websafe version is hex `663333`. A complement of this color would be $[46, 20.946, 170.104]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 23.317, 357.873]$, and $[16, 23.664, 358.677]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 28.991, 0.507]$, and if you desaturate by 10%, it is $[39, 17.474, 357.387]$.

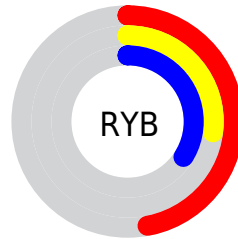
Distribution



Red (47%)

Green (27%)

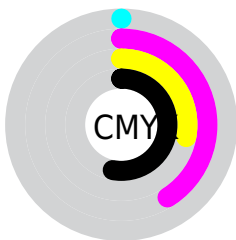
Blue (34%)



Red (47%)

Yellow (27%)

Blue (34%)

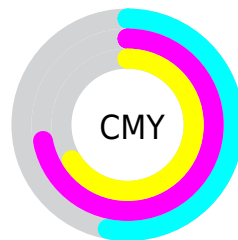


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (53%)



Cyan (53%)


Magenta (72%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 23.289, 358.804 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, 23.289, 358.804 by changing the saturation by 10% instead.


 36, 23.289,
358.804


 36, 23.289,
358.804

 100, 23.289,
358.804


 26, 23.289,
358.804

 56, 23.289,
358.804


 16, 23.289,
358.804


 66, 23.289,
358.804

 6, 23.289, 358.804

 76, 23.289,
358.804

 0, 23.289, 358.804

 86, 23.289,
358.804

 96, 23.289,
358.804

36, 23.289,
358.804

36, 23.289,
358.804

33, 28.991, 0.507

39, 17.474,
357.387

30, 34.381, 2.589

43, 11.699,
356.177

28, 39.214, 5.180

26, 43.259, 8.432

46, 6.058, 355.113

25, 46.390, 12.487

50, 0.606, 353.725

24, 48.928, 16.324

53, 4.633, 173.513

57, 9.651, 172.749

61, 14.453,
172.078

64, 19.051,
171.470

68, 23.458,

Harmonies

Complementary

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



36, 23.289, 358.804



46, 20.946, 170.104

Rectangle

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



36, 23.289, 358.804



36, 23.289, 48.804



36, 23.289, 178.804



36, 23.289, 228.804

Sweetspot

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



36, 23.287, 358.806



59, 8.142, 355.233



35, 32.780, 316.355



30, 5.452, 355.335



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



36, 23.287, 358.806



44, 34.564, 0.342



38, 20.018, 36.334



23, 3.013, 354.899



25, 49.905, 16.495



53, 85.808, 19.856

Inverse Universe

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



36, 23.287, 358.806



44, 34.564, 0.342



44, 15.000, 217.096



23, 3.013, 354.899



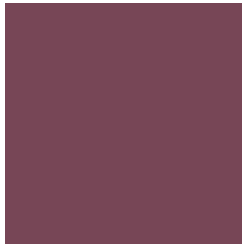
25, 49.905, 16.495



53, 85.808, 19.856

Previews

White Background



This preview shows how the CIELCh color 36, 23.289, 358.804 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, 23.289, 358.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

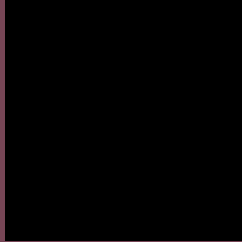
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 23.289, 358.804

Background



This preview shows how black text looks on a background with the CIELCh color 36, 23.289, 358.804.



This preview shows how white text looks on a background with the CIELCh color 36, 23.289, 358.804.

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, 23.289, 358.804

Protanopia

36, 6.209, 287.444

Deuteranopia

36, 5.370, 6.874



Tritanopia
36, 21.036, 14.661

Trichromacy



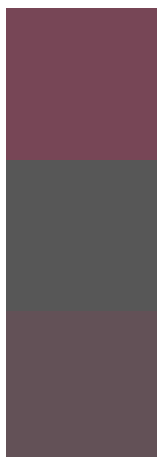
Original Color
36, 23.289, 358.804

Protanomaly
36, 10.363, 335.159

Deuteranomaly
36, 11.736, 359.736

Tritanomaly
36, 21.618, 8.492

Monochromacy



Original Color
36, 23.289, 358.804

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 8.626, 355.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 23.289, 358.804 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(119, 70, 86)` looks like.

```
.text, #text, p{  
    color:rgb(119, 70, 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(119, 70, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 70, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 23.289, 358.804 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(119, 70, 86) }
```

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

```
.border{ border-color:rgb(119, 70, 86) }
```

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

Here you see how a box with a 4 pixel rgb(119, 70, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 70, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 70, 86);  
box-shadow:4px 4px 4px 4px rgb(119, 70,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 23.289, 358.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 70, 86) }
```

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

```
.background{ background-color: rgb(119, 70,  
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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