

Converting Colors

CIELCh(36, 11.308, 347.634)

Have a look what the booklet for
CIELCh(36, 11.308, 347.634)
contains.

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Color

CIELCh(36, 11.288, 348.041)

Conversions

Conversions Part 1

Format	Color
Hex	654F59
RGB	101, 79, 89
RGB Percent	40%, 31%, 35%
CMY	0.6053, 0.6915, 0.6523
CMYK	0.00, 0.22, 0.12, 0.61
HSL	333°, 12%, 35%
HSV	333°, 22%, 39%
XYZ	9.8909, 9.0082, 10.5962
YIQ	86.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

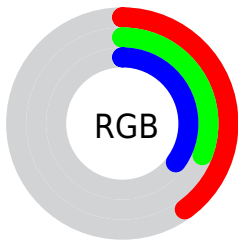
Format	Color
RYB	101, 79, 89
Decimal	6639449
CIELab	36.00, 11.04, -2.34
CIELCh	36, 11.288, 348.041
Yxy	9.0082, 0.3353, 0.3054
Android (android.graphics.Color)	4284829529 (0xFF654F59)
YUV	86.7180, 1.1250, 12.5253
Hunter-Lab	30.0136, 6.3003, 0.0773

Details

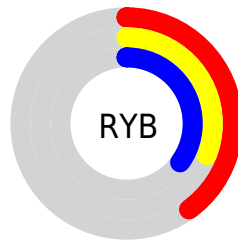
The CIELCh color $[36, 11.288, 348.041]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[41, 10.936, 164.335]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 11.406, 347.310]$, and $[16, 11.795, 346.593]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 16.575, 349.086]$, and if you desaturate by 10%, it is $[39, 6.051, 347.104]$.

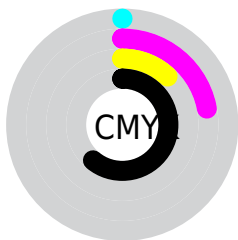
Distribution



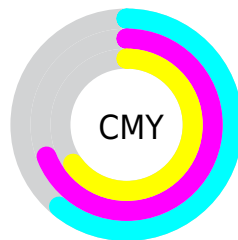
- Red (40%)
- Green (31%)
- Blue (35%)



- Red (40%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (61%)





- Cyan (61%)
- Magenta (69%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 11.288, 348.041 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, 11.288, 348.041 by changing the saturation by 10% instead.


 36, 11.288,
348.041


 36, 11.288,
348.041

 100, 11.288,
348.041


 26, 11.288,
348.041

 56, 11.288,
348.041


 16, 11.288,
348.041


 66, 11.288,
348.041

 6, 11.288, 348.041

 76, 11.288,
348.041

 0, 11.288, 348.041

 86, 11.288,
348.041

 96, 11.288,
348.041

36, 11.288,
348.041

36, 11.288,
348.041

33, 16.575,
349.086

39, 6.051, 347.104

30, 21.818,
350.274

42, 0.930, 346.043

45, 4.042, 165.631

28, 26.871,
351.657

48, 8.849, 164.908

25, 31.540,
353.303

52, 13.487,
164.264

23, 35.594,
355.305

55, 17.960,
163.674

22, 38.805,
357.784

58, 22.274,
163.127

21, 41.039, 0.867

61, 26.441,
162.618

20, 42.759, 3.437

64, 30.470,

Harmonies

Complementary

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



36, 11.288, 348.041



41, 10.936, 164.335

Rectangle

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



36, 11.288, 348.041



36, 11.288, 38.041



36, 11.288, 168.041



36, 11.288, 218.041

Sweetspot

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



36, 11.287, 348.044



52, 4.391, 346.682



35, 14.566, 311.148



26, 2.876, 346.712



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



36, 11.287, 348.044



45, 16.655, 348.539



36, 9.549, 23.498



19, 2.890, 346.841



23, 46.876, 4.191



52, 81.212, 7.267

Inverse Universe

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



36, 11.287, 348.044



45, 16.655, 348.539



41, 8.329, 201.497



19, 2.890, 346.841



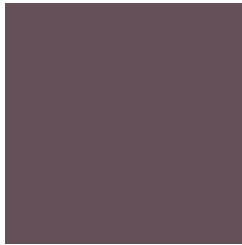
23, 46.876, 4.191



52, 81.212, 7.267

Previews

White Background



This preview shows how the CIELCh color 36, 11.288, 348.041 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, 11.288, 348.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

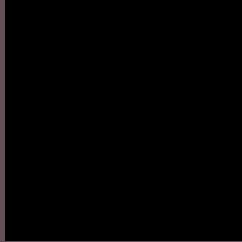
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 11.288, 348.041

Background



This preview shows how black text looks on a background with the CIELCh color 36, 11.288, 348.041.



This preview shows how white text looks on a background with the CIELCh color 36, 11.288, 348.041.

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, 11.288, 348.041

Protanopia

36, 4.973, 291.003

Deuteranopia

36, 5.684, 339.357



Tritanopia
36, 9.875, 358.944

Trichromacy



Original Color
36, 11.288, 348.041

Protanomaly
36, 6.558, 321.818

Deuteranomaly
36, 7.419, 344.787

Tritanomaly
36, 10.090, 355.646

Monochromacy



Original Color
36, 11.288, 348.041

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 4.243, 344.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 11.288, 348.041 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(101, 79, 89)` looks like.

```
.text, #text, p{  
    color:rgb(101, 79, 89)  
}
```

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(101, 79, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 79, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 11.288, 348.041 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(101, 79, 89) }
```

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

```
.border{ border-color:rgb(101, 79, 89) }
```

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

Here you see how a box with a 4 pixel rgb(101, 79, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 79, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 79, 89);  
box-shadow:4px 4px 4px 4px rgb(101, 79,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 11.288, 348.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 79, 89) }
```

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

```
.background{ background-color: rgb(101, 79,  
89) }
```

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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