

Converting Colors

CIELCh(36, 11.117, 354.847)

Have a look what the booklet for
CIELCh(36, 11.117, 354.847)
contains.

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Color

CIELCh(36, 11.117, 354.847)

Conversions

Conversions Part 1

Format	Color
Hex	664F57
RGB	102, 79, 87
RGB Percent	40%, 31%, 34%
CMY	0.6018, 0.6919, 0.6606
CMYK	0.00, 0.23, 0.15, 0.60
HSL	339°, 13%, 35%
HSV	339°, 23%, 40%
XYZ	9.8945, 9.0082, 10.1397
YIQ	86.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

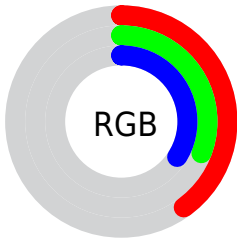
Format	Color
R_{YB}	102, 79, 87
Decimal	6704983
CIE _{Lab}	36.00, 11.07, -1.00
CIE _{LCh}	36, 11.117, 354.847
Yxy	9.0082, 0.3407, 0.3102
Android (android.graphics.Color)	4284895063 (0xFF664F57)
YUV	86.7890, 0.1040, 13.3400
Hunter-Lab	30.0136, 6.3221, 0.9791

Details

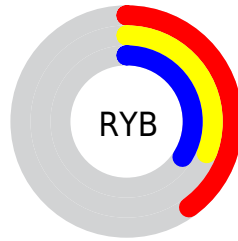
The CIELCh color **36, 11.117, 354.847** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 10.559, 170.729**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 11.215, 353.454**, and **16, 11.589, 354.076** is the 20% darker color. If you saturate the color by 10%, you get **33, 16.219, 356.035**, and if you desaturate by 10%, it is **39, 6.109, 353.807**.

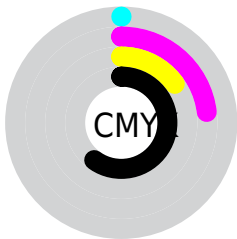
Distribution



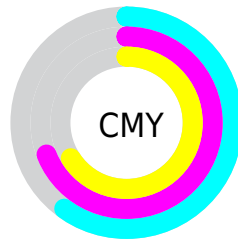
- Red (40%)
- Green (31%)
- Blue (34%)



- Red (40%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (60%)





- Cyan (60%)
- Magenta (69%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 11.117, 354.847 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, 11.117, 354.847 by changing the saturation by 10% instead.


 36, 11.117,
354.847


 36, 11.117,
354.847


 100, 11.117,
354.847


 26, 11.117,
354.847


 56, 11.117,
354.847


 16, 11.117,
354.847


 66, 11.117,
354.847

 6, 11.117, 354.847

 76, 11.117,
354.847

 0, 11.117, 354.847

 86, 11.117,
354.847

 96, 11.117,
354.847

36, 11.117,
354.847

36, 11.117,
354.847

33, 16.219,
356.035

39, 6.109, 353.807

30, 21.332,
357.418

42, 1.251, 352.726

45, 3.431, 172.229

28, 26.320,
359.067

49, 7.928, 171.456

25, 31.004, 1.072

52, 12.241,
170.784

23, 35.172, 3.555

55, 16.379,
170.175

22, 38.624, 6.659

20, 41.287, 10.483

58, 20.351,
169.616

20, 43.284, 13.265

61, 24.171,
169.101

65, 27.851,

Harmonies

Complementary

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



36, 11.117, 354.847



41, 10.559, 170.729

Rectangle

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



36, 11.117, 354.847



36, 11.117, 44.847



36, 11.117, 174.847



36, 11.117, 224.847

Sweetspot

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



36, 11.116, 354.850



53, 4.179, 353.269



36, 15.584, 315.028



26, 2.695, 353.301



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, 11.116, 354.850



45, 16.626, 355.441



37, 9.059, 34.055



19, 2.709, 353.441



23, 47.299, 14.106



51, 83.026, 17.722

Inverse Universe

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



36, 11.116, 354.850



45, 16.626, 355.441



40, 7.842, 214.144



19, 2.709, 353.441



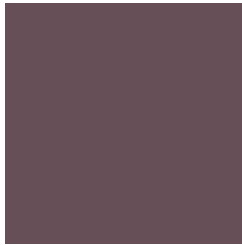
23, 47.299, 14.106



51, 83.026, 17.722

Previews

White Background



This preview shows how the CIELCh color 36, 11.117, 354.847 looks on a white background.

Color Contrast Check

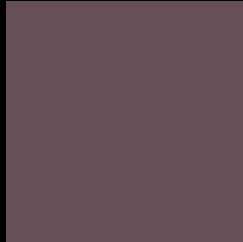
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.117, 354.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

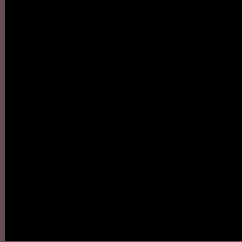
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 11.117, 354.847

Background



This preview shows how black text looks on a background with the CIELCh color 36, 11.117, 354.847.



This preview shows how white text looks on a background with the CIELCh color 36, 11.117, 354.847.

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, 11.117, 354.847

Protanopia

36, 3.760, 297.160

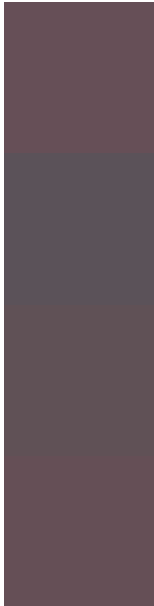
Deuteranopia

36, 5.360, 352.683



Tritanopia
36, 10.288, 359.960

Trichromacy



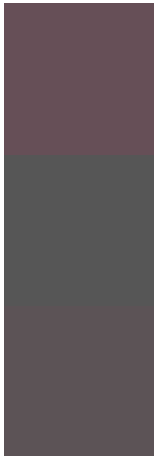
Original Color
36, 11.117, 354.847

Protanomaly
36, 5.812, 331.865

Deuteranomaly
36, 7.196, 355.069

Tritanomaly
36, 10.490, 356.769

Monochromacy



Original Color
36, 11.117, 354.847

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 4.307, 354.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 11.117, 354.847 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(102, 79, 87)` looks like.

```
.text, #text, p{  
    color:rgb(102, 79, 87)  
}
```

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(102, 79, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 79, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 11.117, 354.847 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(102, 79, 87) }
```

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

```
.border{ border-color:rgb(102, 79, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 79, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 79, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 79, 87);  
box-shadow:4px 4px 4px 4px rgb(102, 79,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 11.117, 354.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 79, 87) }
```

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

```
.background{ background-color: rgb(102, 79,  
87) }
```

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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