

Converting Colors

CIELCh(36, 25.057, 356.441)

Have a look what the booklet for
CIELCh(36, 25.057, 356.441)
contains.

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Color

CIELCh(36, 25.019, 356.392)

Conversions

Conversions Part 1

Format	Color
Hex	794558
RGB	121, 69, 88
RGB Percent	47%, 27%, 35%
CMY	0.5258, 0.7297, 0.6552
CMYK	0.00, 0.43, 0.27, 0.53
HSL	338°, 27%, 37%
HSV	338°, 43%, 47%
XYZ	11.7541, 9.0082, 10.3342
YIQ	86.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

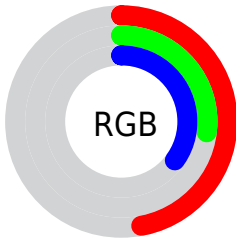
Format	Color
R_{YB}	121, 69, 88
Decimal	7947608
CIE _{Lab}	36.00, 24.97, -1.57
CIE _{LCh}	36, 25.019, 356.392
Yxy	9.0082, 0.3780, 0.2897
Android (android.graphics.Color)	4286137688 (0xFF794558)
YUV	86.7140, 0.6340, 30.0688
Hunter-Lab	30.0136, 17.3812, 0.5949

Details

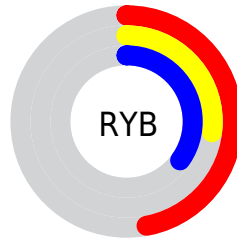
The CIELCh color **36, 25.019, 356.392** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **47, 22.771, 167.310**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 25.362, 356.050**, and **16, 24.950, 355.667** is the 20% darker color. If you saturate the color by 10%, you get **33, 30.744, 358.078**, and if you desaturate by 10%, it is **39, 19.103, 354.985**.

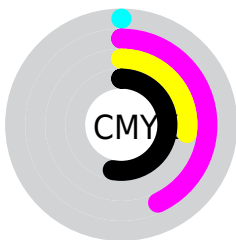
Distribution



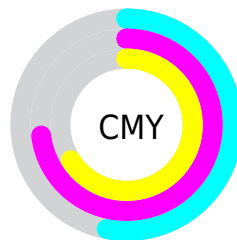
- Red (47%)
- Green (27%)
- Blue (35%)



- Red (47%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)
- Black (53%)





- Cyan (53%)
- Magenta (73%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 25.019, 356.392 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, 25.019, 356.392 by changing the saturation by 10% instead.


 36, 25.019,
356.392


 36, 25.019,
356.392

 100, 25.019,
356.392


 26, 25.019,
356.392

 56, 25.019,
356.392


 16, 25.019,
356.392


 66, 25.019,
356.392

 6, 25.019, 356.392

 76, 25.019,
356.392

 0, 25.019, 356.392

 86, 25.019,
356.392

 96, 25.019,
356.392

36, 25.019,
356.392

36, 25.019,
356.392

33, 30.744,
358.078

39, 19.103,
354.985

30, 36.056, 0.135

43, 13.172,
353.780

28, 40.693, 2.694

46, 7.337, 352.722

26, 44.418, 5.908

50, 1.666, 351.659

25, 47.136, 9.913

53, 3.805, 171.112

24, 48.945, 12.813

57, 9.063, 170.327

61, 14.107,
169.643

64, 18.947,
169.024

68, 23.594,

Harmonies

Complementary

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



36, 25.019, 356.392



47, 22.771, 167.310

Rectangle

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



36, 25.019, 356.392



36, 25.019, 46.392



36, 25.019, 176.392



36, 25.019, 226.392

Sweetspot

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



36, 25.017, 356.394



59, 9.144, 352.755



35, 34.511, 315.377



30, 6.382, 352.942



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, 25.017, 356.394



43, 37.560, 358.135



37, 21.843, 33.541



24, 3.191, 352.331



25, 50.136, 13.013



54, 85.166, 16.174

Inverse Universe

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



36, 25.017, 356.394



43, 37.560, 358.135



45, 16.069, 212.808



24, 3.191, 352.331



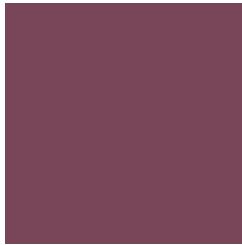
25, 50.136, 13.013



54, 85.166, 16.174

Previews

White Background



This preview shows how the CIELCh color 36, 25.019, 356.392 looks on a white background.

Color Contrast Check

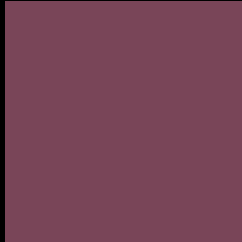
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.019, 356.392 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, 25.019, 356.392

Background



This preview shows how black text looks on a background with the CIELCh color 36, 25.019, 356.392.



This preview shows how white text looks on a background with the CIELCh color 36, 25.019, 356.392.

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, 25.019, 356.392

Protanopia

36, 8.700, 288.973

Deuteranopia

36, 5.360, 352.683



Tritanopia
36, 22.450, 15.478

Trichromacy



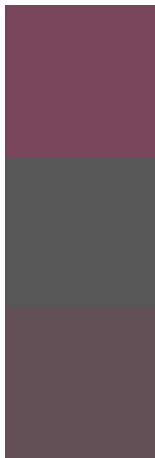
Original Color
36, 25.019, 356.392

Protanomaly
36, 12.008, 330.433

Deuteranomaly
36, 12.826, 352.731

Tritanomaly
36, 23.022, 8.167

Monochromacy



Original Color
36, 25.019, 356.392

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 9.286, 353.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 25.019, 356.392 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(121, 69, 88)` looks like.

```
.text, #text, p{  
    color:rgb(121, 69, 88)  
}
```

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(121, 69, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 69, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 25.019, 356.392 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(121, 69, 88) }
```

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

```
.border{ border-color:rgb(121, 69, 88) }
```

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

Here you see how a box with a 4 pixel rgb(121, 69, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 69, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 69, 88);  
box-shadow:4px 4px 4px 4px rgb(121, 69,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 25.019, 356.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 69, 88) }
```

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

```
.background{ background-color: rgb(121, 69,  
88) }
```

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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