

Converting Colors

CIELCh(36, 17.900, 347.955)

Have a look what the booklet for
CIELCh(36, 17.900, 347.955)
contains.

CIELCh(36, 17.496, 348.091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(36, 17.496, 348.091)

Conversions

Conversions Part 1

Format	Color
Hex	6D4B5B
RGB	109, 75, 91
RGB Percent	43%, 29%, 36%
CMY	0.5731, 0.7064, 0.6437
CMYK	0.00, 0.31, 0.17, 0.57
HSL	332°, 19%, 36%
HSV	332°, 31%, 43%
XYZ	10.6775, 9.0082, 11.0417
YIQ	86.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

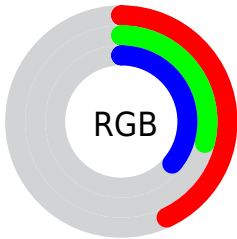
Format	Color
R_{YB}	109, 75, 91
Decimal	7162715
CIE Lab	36.00, 17.12, -3.61
CIE LCh	36, 17.496, 348.091
Yxy	9.0082, 0.3475, 0.2932
Android (android.graphics.Color)	4285352795 (0xFF6D4B5B)
YUV	86.9900, 1.9769, 19.3028
Hunter-Lab	30.0136, 10.9786, -0.8026

Details

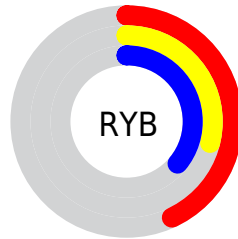
The CIELCh color **36, 17.496, 348.091** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **43, 16.773, 162.489**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 17.543, 347.978**, and **16, 17.711, 349.147** is the 20% darker color. If you saturate the color by 10%, you get **33, 23.125, 349.259**, and if you desaturate by 10%, it is **39, 11.810, 347.066**.

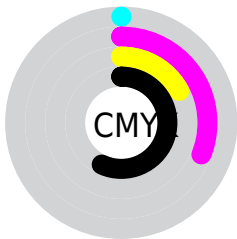
Distribution



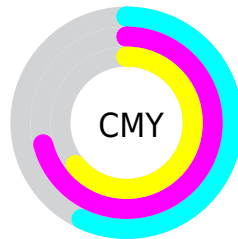
- Red (43%)
- Green (29%)
- Blue (36%)



- Red (43%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (17%)
- Black (57%)





- Cyan (57%)
- Magenta (71%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 17.496, 348.091 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, 17.496, 348.091 by changing the saturation by 10% instead.


 36, 17.496,
348.091


 36, 17.496,
348.091

 100, 17.496,
348.091


 26, 17.496,
348.091

 56, 17.496,
348.091


 16, 17.496,
348.091


 66, 17.496,
348.091

 6, 17.496, 348.091

 76, 17.496,
348.091

 0, 17.496, 348.091

 86, 17.496,
348.091

 96, 17.496,
348.091

■ 36, 17.496,
348.091

■ 36, 17.496,
348.091

■ 33, 23.125,
349.259

■ 39, 11.810,
347.066

■ 30, 28.544,
350.612

■ 42, 6.179, 346.138

■ 46, 0.668, 344.962

■ 28, 33.539,
352.218

■ 49, 4.683, 164.674

■ 26, 37.857,
354.169

■ 52, 9.859, 163.960

■ 24, 41.245,
356.584

■ 56, 14.854,
163.321

■ 23, 43.534,
359.607

■ 59, 19.672,
162.733

■ 22, 45.245, 2.434

■ 62, 24.322,
162.188

■ 66, 28.814,

Harmonies

Complementary

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



36, 17.496, 348.091



43, 16.773, 162.489

Rectangle

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



36, 17.496, 348.091



36, 17.496, 38.091



36, 17.496, 168.091



36, 17.496, 218.091

Sweetspot

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



36, 17.494, 348.093



55, 6.084, 345.959



35, 22.387, 311.052



28, 4.267, 346.062



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, 17.494, 348.093



44, 25.562, 348.861



36, 15.323, 23.073



21, 3.044, 345.933



24, 47.690, 2.833



53, 81.864, 5.716

Inverse Universe

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



36, 17.494, 348.093



44, 25.562, 348.861



43, 12.506, 199.547



21, 3.044, 345.933



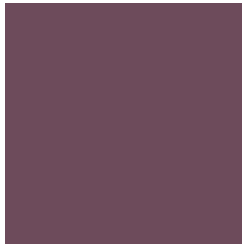
24, 47.690, 2.833



53, 81.864, 5.716

Previews

White Background



This preview shows how the CIELCh color 36, 17.496, 348.091 looks on a white background.

Color Contrast Check

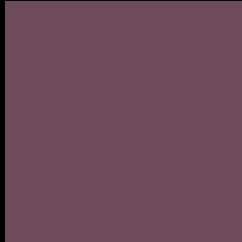
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.496, 348.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

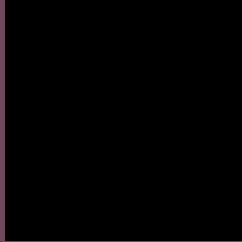
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 17.496, 348.091

Background



This preview shows how black text looks on a background with the CIELCh color 36, 17.496, 348.091.



This preview shows how white text looks on a background with the CIELCh color 36, 17.496, 348.091.

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, 17.496, 348.091

Protanopia
36, 8.080, 288.659

Deuteranopia
36, 5.812, 331.865



Tritanopia
36, 14.644, 7.245

Trichromacy



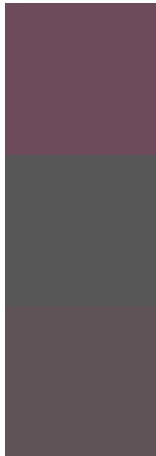
Original Color
36, 17.496, 348.091

Protanomaly
36, 9.868, 318.970

Deuteranomaly
36, 10.276, 339.428

Tritanomaly
36, 15.037, 0.327

Monochromacy



Original Color
36, 17.496, 348.091

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.017, 349.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 17.496, 348.091 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(109, 75, 91)` looks like.

```
.text, #text, p{  
    color:rgb(109, 75, 91)  
}
```

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(109, 75, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 75, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 17.496, 348.091 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(109, 75, 91) }
```

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

```
.border{ border-color:rgb(109, 75, 91) }
```

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

Here you see how a box with a 4 pixel rgb(109, 75, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 75, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 75, 91);  
box-shadow:4px 4px 4px 4px rgb(109, 75,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 17.496, 348.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 75, 91) }
```

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

```
.background{ background-color: rgb(109, 75,  
91) }
```

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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