

Converting Colors

CIELCh(35, 17.058, 343.495)

Have a look what the booklet for
CIELCh(35, 17.058, 343.495)
contains.

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Color

CIELCh(35, 16.857, 343.561)

Conversions

Conversions Part 1

Format	Color
Hex	68495A
RGB	104, 73, 90
RGB Percent	41%, 29%, 35%
CMY	0.5911, 0.7128, 0.6461
CMYK	0.00, 0.30, 0.13, 0.59
HSL	327°, 17%, 35%
HSV	327°, 30%, 41%
XYZ	9.9940, 8.4984, 10.8425
YIQ	84.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

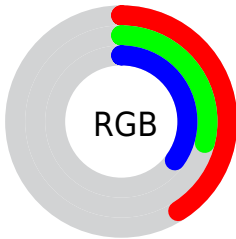
Format	Color
RYB	104, 73, 90
Decimal	6834522
CIELab	35.00, 16.17, -4.77
CIElCh	35, 16.857, 343.561
Yxy	8.4984, 0.3407, 0.2897
Android (android.graphics.Color)	4285024602 (0xFF68495A)
YUV	84.2070, 2.8559, 17.3585
Hunter-Lab	29.1520, 10.1781, -1.6454

Details

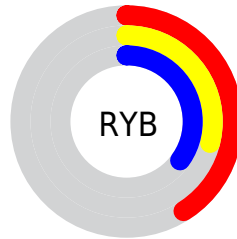
The CIELCh color $35, 16.857, 343.561$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $41, 16.409, 158.657$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 16.921, 343.916$, and $15, 16.324, 344.597$ is the 20% darker color. If you saturate the color by 10%, you get $32, 22.512, 344.565$, and if you desaturate by 10%, it is $38, 11.132, 342.659$.

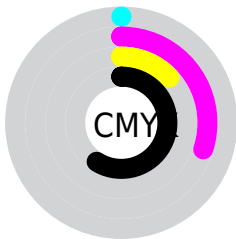
Distribution



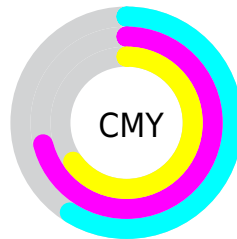
- Red (41%)
- Green (29%)
- Blue (35%)



- Red (41%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (59%)





- Cyan (59%)
- Magenta (71%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 16.857, 343.561 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 35, 16.857, 343.561 by changing the saturation by 10% instead.


 35, 16.857,
343.561


 35, 16.857,
343.561

 100, 16.857,
343.561


 25, 16.857,
343.561

 55, 16.857,
343.561


 15, 16.857,
343.561


 65, 16.857,
343.561

 5, 16.857, 343.561

 75, 16.857,
343.561

 0, 16.857, 343.561

 85, 16.857,
343.561

 95, 16.857,
343.561

■ 35, 16.857,
343.561

■ 35, 16.857,
343.561

■ 32, 22.512,
344.565

■ 38, 11.132,
342.659

■ 30, 27.949,
345.699

■ 41, 5.446, 341.824

■ 44, 0.135, 162.909

■ 27, 32.962,
347.012

■ 47, 5.574, 160.478

■ 25, 37.301,
348.566

■ 51, 10.850,
159.819

■ 23, 40.710,
350.450

■ 54, 15.957,
159.218

■ 22, 42.986,
352.777


■ 57, 20.897,
158.660

■ 21, 44.720,
355.324

■ 60, 25.675,
158.140

■ 21, 44.768,

355.386

 64, 30.302,
157.653

Harmonies

Complementary

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



35, 16.857, 343.561



41, 16.409, 158.657

Rectangle

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



35, 16.857, 343.561



35, 16.857, 33.561



35, 16.857, 163.561



35, 16.857, 213.561

Sweetspot

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



35, 16.855, 343.562



53, 6.220, 341.783



34, 20.335, 308.748



27, 4.361, 341.875



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



35, 16.855, 343.562



43, 25.252, 344.278



35, 14.147, 17.824



20, 3.078, 341.754



24, 47.835, 355.806



53, 82.257, 358.199

Inverse Universe

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



35, 16.855, 343.562



43, 25.252, 344.278



42, 11.917, 193.442



20, 3.078, 341.754



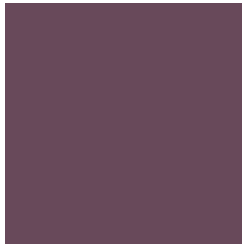
24, 47.835, 355.806



53, 82.257, 358.199

Previews

White Background



This preview shows how the CIELCh color 35, 16.857, 343.561 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 35, 16.857, 343.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

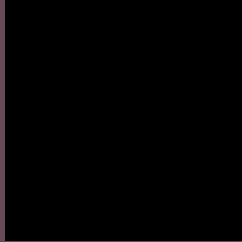
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 16.857, 343.561

Background



This preview shows how black text looks on a background with the CIELCh color 35, 16.857, 343.561.



This preview shows how white text looks on a background with the CIELCh color 35, 16.857, 343.561.

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
35, 16.857, 343.561

Protanopia
35, 8.755, 286.405

Deuteranopia
35, 6.584, 321.827



Tritanopia
35, 12.932, 4.895

Trichromacy



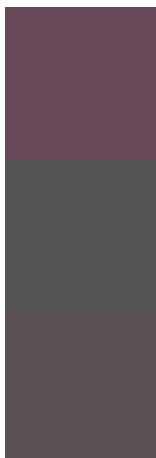
Original Color
35, 16.857, 343.561

Protanomaly
35, 10.286, 315.282

Deuteranomaly
35, 9.678, 335.887

Tritanomaly
35, 14.075, 355.696

Monochromacy



Original Color
35, 16.857, 343.561

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 6.038, 342.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 16.857, 343.561 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(104, 73, 90)` looks like.

```
.text, #text, p{  
    color:rgb(104, 73, 90)  
}
```

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(104, 73, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 73, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 16.857, 343.561 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(104, 73, 90) }
```

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

```
.border{ border-color:rgb(104, 73, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 73, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 73, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 73, 90);  
box-shadow:4px 4px 4px 4px rgb(104, 73,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 16.857, 343.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 73, 90) }
```

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

```
.background{ background-color: rgb(104, 73,  
90) }
```

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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