

Converting Colors

CIELCh(35, 37.478, 156.317)

Have a look what the booklet for
CIELCh(35, 37.478, 156.317)
contains.

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Color

CIELCh(35, 37.518, 156.303)

Conversions

Conversions Part 1

Format	Color
Hex	015F39
RGB	1, 95, 57
RGB Percent	0%, 37%, 22%
CMY	0.9956, 0.6272, 0.7763
CMYK	0.99, 0.00, 0.40, 0.63
HSL	156°, 98%, 19%
HSV	156°, 99%, 37%
XYZ	4.8514, 8.4984, 5.2626
YIQ	62.5620, -43.8260, -31.7460

Conversions

Conversions Part 2

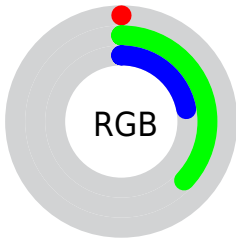
Format	Color
R_{YB}	1, 60, 95
Decimal	89913
CIE Lab	35.00, -34.35, 15.08
CIE LCh	35, 37.518, 156.303
Yxy	8.4984, 0.2607, 0.4566
Android (android.graphics.Color)	4278279993 (0xFF015F39)
YUV	62.5620, -2.7421, -53.9899
Hunter-Lab	29.1520, -21.3103, 9.7031

Details

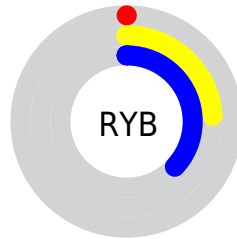
The CIELCh color **35, 37.518, 156.303** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18, 40.716, 7.240**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 37.413, 156.181**, and **16, 29.284, 145.788** is the 20% darker color. If you saturate the color by 10%, you get **35, 37.816, 156.109**, and if you desaturate by 10%, it is **35, 35.003, 158.100**.

Distribution



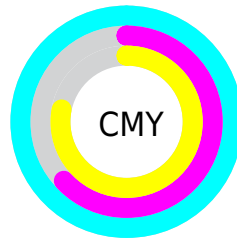
- Red (0%)
- Green (37%)
- Blue (22%)



- Red (0%)
- Yellow (24%)
- Blue (37%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)
- Black (63%)





- Cyan (100%)
- Magenta (63%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 37.518, 156.303 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, 37.518, 156.303 by changing the saturation by 10% instead.


 35, 37.518,
156.303


 35, 37.518,
156.303

 100, 37.518,
156.303


 25, 37.518,
156.303

 55, 37.518,
156.303


 15, 37.518,
156.303


 65, 37.518,
156.303

 5, 37.518, 156.303

 75, 37.518,
156.303

 0, 37.518, 156.303

 85, 37.518,
156.303

 95, 37.518,
156.303

■ 35, 37.518,
156.303

■ 35, 37.518,
156.303

■ 35, 37.816,
156.109

■ 35, 35.003,
158.100

■ 35, 32.272,
159.917

■ 36, 29.127,
161.551

■ 36, 25.593,
163.015

■ 37, 21.719,
164.326

■ 37, 17.564,
165.505

■ 38, 13.197,
166.573

■ 39, 8.684, 167.550

Harmonies

Complementary

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



35, 37.518, 156.303



18, 40.716, 7.240

Rectangle

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



35, 37.518, 156.303



35, 37.518, 206.303



35, 37.518, 336.303



35, 37.518, 26.303

Sweetspot

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



35, 37.518, 156.303



48, 16.876, 166.361



35, 53.368, 129.510



24, 11.371, 166.075



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 37.518, 156.303



45, 45.827, 155.379



33, 22.016, 209.788



20, 2.637, 168.464



41, 42.882, 155.612



84, 77.117, 154.079

Inverse Universe

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



18, 40.716, 7.240



25, 49.098, 9.218



19, 45.849, 37.365



18, 2.682, 349.818



22, 46.119, 8.701



51, 81.006, 12.177

Previews

White Background



This preview shows how the CIELCh color 35, 37.518, 156.303 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, 37.518, 156.303 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, 37.518, 156.303

Background



This preview shows how black text looks on a background with the CIELCh color 35, 37.518, 156.303.



This preview shows how white text looks on a background with the CIELCh color 35, 37.518, 156.303.

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, 37.518, 156.303

Protanopia
35, 18.881, 95.122

Deuteranopia
35, 14.231, 71.115



Tritanopia
35, 18.444, 213.091

Trichromacy



Original Color
35, 37.518, 156.303

Protanomaly
34, 24.141, 139.005

Deuteranomaly
34, 18.648, 140.644

Tritanomaly
35, 23.493, 182.402

Monochromacy



Original Color
35, 37.518, 156.303

Achromatopsia
27, 0.004, 296.813

Achromatomaly
29, 17.110, 165.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 37.518, 156.303 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(1, 95, 57)` looks like.

```
.text, #text, p{  
    color:rgb(1, 95, 57)  
}
```

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(1, 95, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 95, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 37.518, 156.303 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(1, 95, 57) }
```

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

```
.border{ border-color:rgb(1, 95, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 95, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 95, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 95, 57); box-shadow:4px  
4px 4px 4px rgb(1, 95, 57) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 37.518, 156.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 95, 57) }
```

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

```
.background{ background-color: rgb(1, 95,  
57) }
```

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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