

Converting Colors

CIELCh(35, 11.705, 156.589)

Have a look what the booklet for
CIELCh(35, 11.705, 156.589)
contains.

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Color

CIELCh(35, 11.394, 156.912)

Conversions

Conversions Part 1

Format	Color
Hex	43574B
RGB	67, 87, 75
RGB Percent	26%, 34%, 29%
CMY	0.7376, 0.6592, 0.7062
CMYK	0.23, 0.00, 0.14, 0.66
HSL	144°, 13%, 30%
HSV	144°, 23%, 34%
XYZ	6.9763, 8.4984, 7.9132
YIQ	79.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

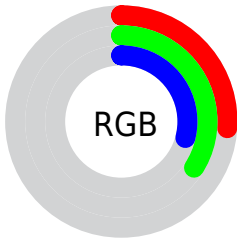
Format	Color
RYB	67, 81, 87
Decimal	4413259
CIELab	35.00, -10.48, 4.47
CIElCh	35, 11.394, 156.912
Yxy	8.4984, 0.2983, 0.3634
Android (android.graphics.Color)	4282603339 (0xFF43574B)
YUV	79.6520, -2.2934, -11.0958
Hunter-Lab	29.1520, -8.2997, 4.3124

Details

The CIELCh color **35, 11.394, 156.912** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 11.575, 340.290**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.487, 157.839**, and **15, 11.888, 156.306** is the 20% darker color. If you saturate the color by 10%, you get **34, 16.295, 155.996**, and if you desaturate by 10%, it is **36, 6.439, 157.734**.

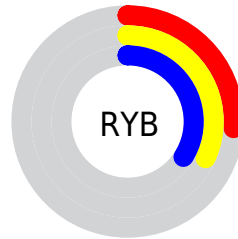
Distribution



Red (26%)

Green (34%)

Blue (29%)



Red (26%)

Yellow (32%)

Blue (34%)

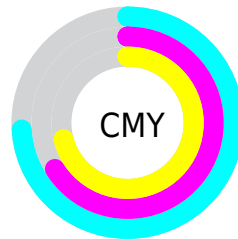


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (66%)



Cyan (74%)


Magenta (66%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 11.394, 156.912 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, 11.394, 156.912 by changing the saturation by 10% instead.


 35, 11.394,
156.912


 35, 11.394,
156.912

 100, 11.394,
156.912


 25, 11.394,
156.912

 55, 11.394,
156.912


 15, 11.394,
156.912


 65, 11.394,
156.912

 5, 11.394, 156.912

 75, 11.394,
156.912

 0, 11.394, 156.912

 85, 11.394,
156.912

 95, 11.394,
156.912

35, 11.394,
156.912

35, 11.394,
156.912

34, 16.295,
155.996

36, 6.439, 157.734

34, 21.077,
154.967

37, 1.482, 158.565

38, 3.433, 339.023

33, 25.667,
153.805

39, 8.273, 339.651

33, 29.991,
152.492

40, 13.013,
340.201

32, 33.981,
151.012

41, 17.639,
340.703

32, 37.577,
149.360

42, 22.139,
341.166

32, 40.785,
147.594

43, 26.508,
341.594

32, 42.957,

45, 30.747,

146.510

341.994

Harmonies

Complementary

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



35, 11.394, 156.912



31, 11.575, 340.290

Rectangle

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



35, 11.394, 156.912



35, 11.394, 206.912



35, 11.394, 336.912



35, 11.394, 26.912

Sweetspot

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



35, 11.395, 156.911



47, 4.268, 158.189



36, 12.843, 124.444



23, 2.743, 158.172



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 11.395, 156.911



44, 17.094, 156.384



35, 8.233, 189.548



17, 2.760, 158.067



39, 50.404, 145.860



82, 92.722, 144.296

Inverse Universe

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



31, 11.575, 340.290



38, 17.424, 340.775



31, 9.214, 13.102



16, 2.781, 339.192



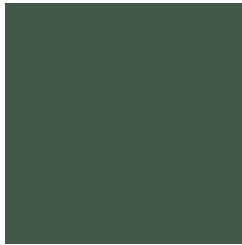
22, 46.575, 351.242



51, 81.831, 353.424

Previews

White Background



This preview shows how the CIELCh color 35, 11.394, 156.912 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, 11.394, 156.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

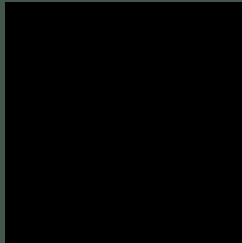
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 11.394, 156.912

Background



This preview shows how black text looks on a background with the CIELCh color 35, 11.394, 156.912.



This preview shows how white text looks on a background with the CIELCh color 35, 11.394, 156.912.

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](#).

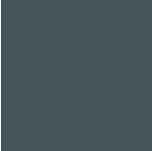
Dichromacy



Original Color
35, 11.394, 156.912

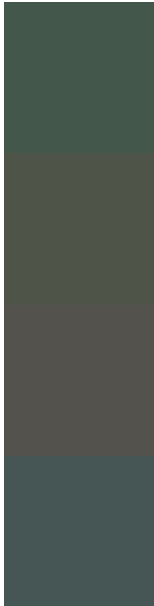
Protanopia
35, 6.464, 92.912

Deuteranopia
35, 6.126, 37.832



Tritanopia
35, 6.935, 231.555

Trichromacy



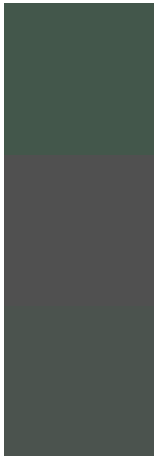
Original Color
35, 11.394, 156.912

Protanomaly
35, 7.192, 126.918

Deuteranomaly
35, 3.754, 102.786

Tritanomaly
35, 6.978, 193.322

Monochromacy



Original Color
35, 11.394, 156.912

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.672, 156.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 11.394, 156.912 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(67, 87, 75)` looks like.

```
.text, #text, p{  
    color:rgb(67, 87, 75)  
}
```

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(67, 87, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 87, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 11.394, 156.912 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(67, 87, 75) }
```

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

```
.border{ border-color:rgb(67, 87, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 87, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 87, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 87, 75);  
box-shadow:4px 4px 4px 4px rgb(67, 87, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 11.394, 156.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 87, 75) }
```

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

```
.background{ background-color: rgb(67, 87,  
75) }
```

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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