

Converting Colors

CIELCh(36, 16.678, 154.418)

Have a look what the booklet for
CIELCh(36, 16.678, 154.418)
contains.

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Color

CIELCh(36, 16.616, 155.172)

Conversions

Conversions Part 1

Format	Color
Hex	3E5B49
RGB	62, 91, 73
RGB Percent	24%, 36%, 29%
CMY	0.7565, 0.6427, 0.7134
CMYK	0.32, 0.00, 0.20, 0.64
HSL	143°, 19%, 30%
HSV	143°, 32%, 36%
XYZ	6.9475, 9.0082, 7.6921
YIQ	80.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

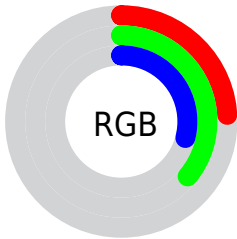
Format	Color
RYB	62, 83, 91
Decimal	4086601
CIELab	36.00, -15.08, 6.98
CIELCh	36, 16.616, 155.172
Yxy	9.0082, 0.2938, 0.3809
Android (android.graphics.Color)	4282276681 (0xFF3E5B49)
YUV	80.2770, -3.5876, -16.0289
Hunter-Lab	30.0136, -11.2050, 5.8143

Details

The CIELCh color **36, 16.616, 155.172** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 16.924, 340.025**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 16.371, 156.312**, and **16, 16.904, 154.826** is the 20% darker color. If you saturate the color by 10%, you get **35, 21.693, 154.158**, and if you desaturate by 10%, it is **37, 11.425, 156.071**.

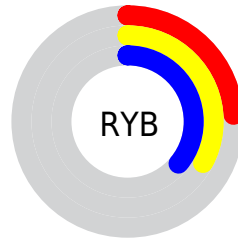
Distribution



Red (24%)

Green (36%)

Blue (29%)



Red (24%)

Yellow (33%)

Blue (36%)

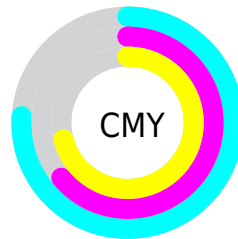


Cyan (32%)

Magenta (0%)

Yellow (20%)

Black (64%)



Cyan (76%)


Magenta (64%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 16.616, 155.172 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, 16.616, 155.172 by changing the saturation by 10% instead.


 36, 16.616,
155.172


 36, 16.616,
155.172

 100, 16.616,
155.172


 26, 16.616,
155.172

 56, 16.616,
155.172


 16, 16.616,
155.172


 66, 16.616,
155.172

 6, 16.616, 155.172

 76, 16.616,
155.172

 0, 16.616, 155.172

 86, 16.616,
155.172

 96, 16.616,
155.172

■ 36, 16.616,
155.172

■ 36, 16.616,
155.172

■ 35, 21.693,
154.158

■ 37, 11.425,
156.071

■ 35, 26.577,
153.010

■ 38, 6.185, 156.880

■ 39, 0.954, 157.771

■ 34, 31.188,
151.709

■ 40, 4.225, 338.143

■ 34, 35.448,
150.243

■ 41, 9.317, 338.746

■ 34, 39.294,
148.604

■ 42, 14.298,
339.278

■ 33, 42.697,
146.821

■ 43, 19.152,
339.762

■ 33, 45.333,
145.522

■ 44, 23.871,
340.206

■ 45, 28.449,

Harmonies

Complementary

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



36, 16.616, 155.172



30, 16.924, 340.025

Rectangle

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



36, 16.616, 155.172



36, 16.616, 205.172



36, 16.616, 335.172



36, 16.616, 25.172

Sweetspot

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



36, 16.617, 155.171



48, 6.430, 156.998



37, 18.296, 122.730



24, 4.344, 156.931



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



36, 16.617, 155.171



46, 24.317, 154.441



36, 11.741, 186.005



18, 2.942, 157.112



40, 52.253, 144.971



83, 95.191, 143.482

Inverse Universe

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



30, 16.924, 340.025



37, 24.833, 340.662



30, 13.618, 11.587



17, 2.962, 338.235



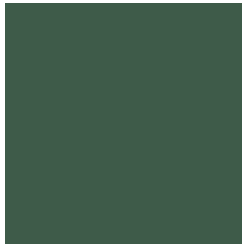
23, 47.812, 349.687



52, 83.284, 351.638

Previews

White Background



This preview shows how the CIELCh color 36, 16.616, 155.172 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 36, 16.616, 155.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

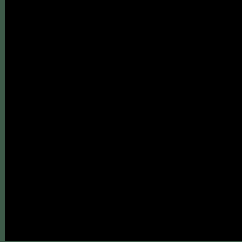
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 16.616, 155.172

Background



This preview shows how black text looks on a background with the CIELCh color 36, 16.616, 155.172.



This preview shows how white text looks on a background with the CIELCh color 36, 16.616, 155.172.

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](#).

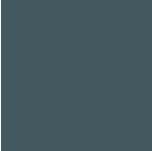
Dichromacy



Original Color
36, 16.616, 155.172

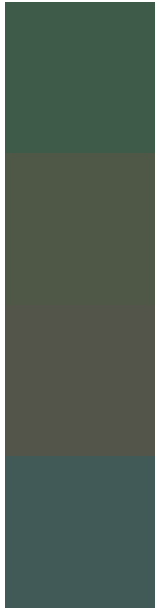
Protanopia
36, 8.948, 93.949

Deuteranopia
36, 7.770, 48.625



Tritanopia
36, 9.052, 227.358

Trichromacy



Original Color
36, 16.616, 155.172

Protanomaly
36, 10.510, 128.311

Deuteranomaly
36, 6.816, 112.776

Tritanomaly
36, 9.681, 190.699

Monochromacy



Original Color
36, 16.616, 155.172

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 6.474, 156.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 16.616, 155.172 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(62, 91, 73)` looks like.

```
.text, #text, p{  
    color:rgb(62, 91, 73)  
}
```

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(62, 91, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 91, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 16.616, 155.172 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(62, 91, 73) }
```

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

```
.border{ border-color:rgb(62, 91, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 91, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 91, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 91, 73);  
box-shadow:4px 4px 4px 4px rgb(62, 91, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 16.616, 155.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 91, 73) }
```

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

```
.background{ background-color: rgb(62, 91,  
73) }
```

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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