

Converting Colors

CIELCh(36, 18.429, 157.507)

Have a look what the booklet for
CIELCh(36, 18.429, 157.507)
contains.

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Color

CIELCh(36, 18.458, 157.471)

Conversions

Conversions Part 1

Format	Color
Hex	3A5C49
RGB	58, 92, 73
RGB Percent	23%, 36%, 29%
CMY	0.7730, 0.6397, 0.7142
CMYK	0.37, 0.00, 0.21, 0.64
HSL	146°, 23%, 29%
HSV	146°, 37%, 36%
XYZ	6.7530, 9.0082, 7.6655
YIQ	79.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

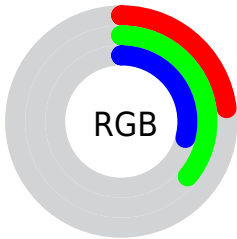
Format	Color
RYB	58, 82, 92
Decimal	3824713
CIELab	36.00, -17.05, 7.07
CIELCh	36, 18.458, 157.471
Yxy	9.0082, 0.2883, 0.3845
Android (android.graphics.Color)	4282014793 (0xFF3A5C49)
YUV	79.6680, -3.2873, -19.0028
Hunter-Lab	30.0136, -12.3617, 5.8668

Details

The CIELCh color **36, 18.458, 157.471** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 19.021, 343.654**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 17.871, 157.961**, and **16, 18.822, 156.817** is the 20% darker color. If you saturate the color by 10%, you get **35, 23.207, 156.360**, and if you desaturate by 10%, it is **37, 13.549, 158.458**.

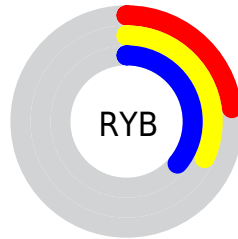
Distribution



Red (23%)

Green (36%)

Blue (29%)



Red (23%)

Yellow (32%)

Blue (36%)

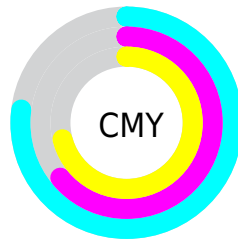


Cyan (37%)

Magenta (0%)

Yellow (21%)

Black (64%)



Cyan (77%)

Magenta (64%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 18.458, 157.471 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, 18.458, 157.471 by changing the saturation by 10% instead.


 36, 18.458,
157.471


 36, 18.458,
157.471

 100, 18.458,
157.471


 26, 18.458,
157.471

 56, 18.458,
157.471


 16, 18.458,
157.471


 66, 18.458,
157.471

 6, 18.458, 157.471

 76, 18.458,
157.471

 0, 18.458, 157.471

 86, 18.458,
157.471

 96, 18.458,
157.471

■ 36, 18.458,
157.471

■ 36, 18.458,
157.471

■ 35, 23.207,
156.360

■ 37, 13.549,
158.458

■ 35, 27.718,
155.108

■ 37, 8.547, 159.346

■ 38, 3.513, 160.171

■ 34, 31.920,
153.696

■ 39, 1.503, 340.676

■ 34, 35.747,
152.110

■ 40, 6.462, 341.436

■ 34, 39.154,
150.344

■ 41, 11.335,
342.045

■ 34, 42.254,
148.563

■ 43, 16.100,
342.599

■ 34, 43.174,
148.088

■ 44, 20.745,
343.110

■ 45, 25.262,

Harmonies

Complementary

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



36, 18.458, 157.471



29, 19.021, 343.654

Rectangle

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



36, 18.458, 157.471



36, 18.458, 207.471



36, 18.458, 337.471



36, 18.458, 27.471

Sweetspot

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



36, 18.459, 157.470



49, 6.878, 159.814



37, 21.672, 125.029



25, 4.659, 159.746



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 18.459, 157.470



46, 27.094, 156.547



36, 13.134, 191.505



18, 2.811, 160.020



40, 49.437, 147.547



83, 90.069, 145.997

Inverse Universe

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



29, 19.021, 343.654



36, 28.040, 344.525



28, 16.155, 17.409



17, 2.836, 341.208



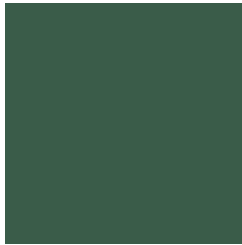
22, 46.524, 354.722



52, 81.216, 357.175

Previews

White Background



This preview shows how the CIELCh color 36, 18.458, 157.471 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, 18.458, 157.471 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, 18.458, 157.471

Background



This preview shows how black text looks on a background with the CIELCh color 36, 18.458, 157.471.

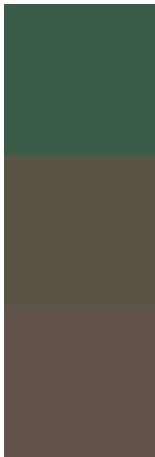


This preview shows how white text looks on a background with the CIELCh color 36, 18.458, 157.471.

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, 18.458, 157.471

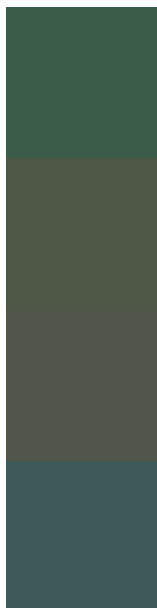
Protanopia
36, 9.547, 94.739

Deuteranopia
36, 7.770, 48.625



Tritanopia
36, 10.590, 222.651

Trichromacy



Original Color
36, 18.458, 157.471

Protanomaly
36, 11.248, 129.296

Deuteranomaly
36, 6.942, 120.069

Tritanomaly
36, 11.436, 191.613

Monochromacy



Original Color
36, 18.458, 157.471

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 6.790, 158.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 18.458, 157.471 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(58, 92, 73)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 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(58, 92, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 18.458, 157.471 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(58, 92, 73) }
```

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

```
.border{ border-color:rgb(58, 92, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 92, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 73);  
box-shadow:4px 4px 4px 4px rgb(58, 92, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 18.458, 157.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 73) }
```

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

```
.background{ background-color: rgb(58, 92,  
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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