

Converting Colors

CIELCh(36, 18.565, 177.292)

Have a look what the booklet for
CIELCh(36, 18.565, 177.292)
contains.

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Color

CIELCh(36, 18.558, 177.343)

Conversions

Conversions Part 1

Format	Color
Hex	2F5D53
RGB	47, 93, 83
RGB Percent	18%, 36%, 33%
CMY	0.8166, 0.6362, 0.6754
CMYK	0.50, 0.00, 0.11, 0.64
HSL	167°, 33%, 27%
HSV	167°, 50%, 36%
XYZ	6.6084, 9.0082, 9.5287
YIQ	78.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

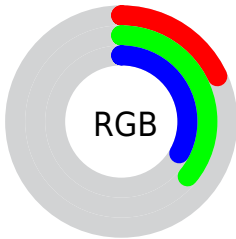
Format	Color
RYB	47, 73, 93
Decimal	3104083
CIELab	36.00, -18.54, 0.86
CIElCh	36, 18.558, 177.343
Yxy	9.0082, 0.2628, 0.3582
Android (android.graphics.Color)	4281294163 (0xFF2F5D53)
YUV	78.1060, 2.4127, -27.2800
Hunter-Lab	30.0136, -13.2216, 2.1861

Details

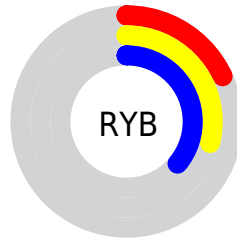
The CIELCh color **36, 18.558, 177.343** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 22.379, 8.032**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 19.031, 176.354**, and **16, 18.012, 175.245** is the 20% darker color. If you saturate the color by 10%, you get **36, 21.545, 176.202**, and if you desaturate by 10%, it is **37, 15.242, 178.395**.

Distribution



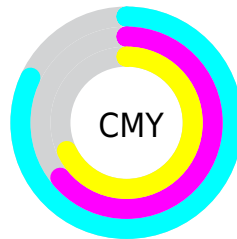
- Red (18%)
- Green (36%)
- Blue (33%)



- Red (18%)
- Yellow (29%)
- Blue (36%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)





- Cyan (82%)
- Magenta (64%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 18.558, 177.343 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, 18.558, 177.343 by changing the saturation by 10% instead.


 36, 18.558,
177.343


 36, 18.558,
177.343

 100, 18.558,
177.343


 26, 18.558,
177.343

 56, 18.558,
177.343


 16, 18.558,
177.343


 66, 18.558,
177.343

 6, 18.558, 177.343

 76, 18.558,
177.343

 0, 18.558, 177.343

 86, 18.558,
177.343

 96, 18.558,
177.343

■ 36, 18.558,
177.343

■ 36, 18.558,
177.343

■ 36, 21.545,
176.202

■ 37, 15.242,
178.395

■ 35, 24.153,
174.957

■ 37, 11.654,
179.379

■ 35, 26.350,
173.588

■ 38, 7.851, 180.310

■ 35, 28.127,
172.078

■ 39, 3.892, 181.219

■ 35, 29.738,
170.594

■ 39, 0.172, 0.290

■ 35, 29.806,
170.536

■ 40, 4.296, 2.703

■ 41, 8.443, 3.501

■ 42, 12.584, 4.252

■ 43, 16.695, 4.972

Harmonies

Complementary

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



36, 18.558, 177.343



26, 22.379, 8.032

Rectangle

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



36, 18.558, 177.343



36, 18.558, 227.343



36, 18.558, 357.343



36, 18.558, 47.343

Sweetspot

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



36, 18.558, 177.341



49, 7.468, 180.685



36, 31.871, 135.288



25, 5.126, 180.558



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, 18.558, 177.341



46, 26.558, 175.932



32, 13.918, 232.232



18, 2.257, 181.290



41, 33.698, 170.117



84, 60.428, 168.800

Inverse Universe

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



26, 22.379, 8.032



31, 33.589, 10.653



29, 19.091, 45.887



17, 2.327, 2.629



21, 48.276, 25.191



50, 87.686, 29.084

Previews

White Background



This preview shows how the CIELCh color 36, 18.558, 177.343 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 CIE LCh color 36, 18.558, 177.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

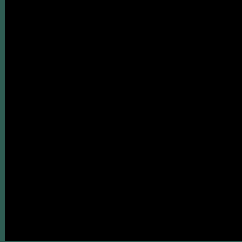
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 18.558, 177.343

Background



This preview shows how black text looks on a background with the CIELCh color 36, 18.558, 177.343.



This preview shows how white text looks on a background with the CIELCh color 36, 18.558, 177.343.

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, 18.558, 177.343

Protanopia

36, 3.934, 89.915

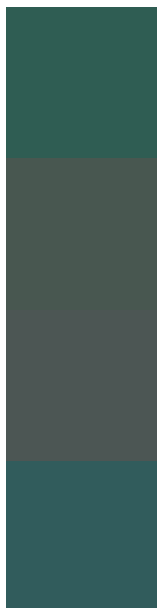
Deuteranopia

36, 4.712, 356.863



Tritanopia
36, 14.656, 215.103

Trichromacy



Original Color
36, 18.558, 177.343

Protanomaly
36, 7.736, 164.118

Deuteranomaly
36, 4.388, 182.363

Tritanomaly
36, 15.608, 197.396

Monochromacy



Original Color
36, 18.558, 177.343

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 6.947, 182.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 18.558, 177.343 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(47, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(47, 93, 83)  
}
```

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(47, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 93, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 18.558, 177.343 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(47, 93, 83) }
```

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

```
.border{ border-color:rgb(47, 93, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 93, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(47, 93, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 18.558, 177.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 93, 83) }
```

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

```
.background{ background-color: rgb(47, 93,  
83) }
```

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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