

Converting Colors

CIELCh(36, 19.313, 148.267)

Have a look what the booklet for
CIELCh(36, 19.313, 148.267)
contains.

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Color

CIELCh(36, 18.948, 148.535)

Conversions

Conversions Part 1

Format	Color
Hex	3E5B44
RGB	62, 91, 68
RGB Percent	24%, 36%, 27%
CMY	0.7554, 0.6416, 0.7319
CMYK	0.32, 0.00, 0.25, 0.64
HSL	132°, 19%, 30%
HSV	132°, 32%, 36%
XYZ	6.8402, 9.0082, 6.9072
YIQ	79.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

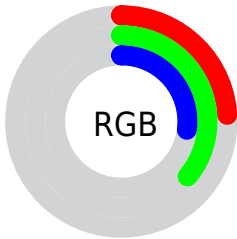
Format	Color
RYB	62, 86, 91
Decimal	4086596
CIELab	36.00, -16.16, 9.89
CIElCh	36, 18.948, 148.535
Yxy	9.0082, 0.3006, 0.3959
Android (android.graphics.Color)	4282276676 (0xFF3E5B44)
YUV	79.7070, -5.7716, -15.5290
Hunter-Lab	30.0136, -11.8431, 7.3647

Details

The CIELCh color **36, 18.948, 148.535** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 19.037, 332.656**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 18.932, 148.804**, and **16, 18.982, 148.947** is the 20% darker color. If you saturate the color by 10%, you get **35, 24.800, 147.602**, and if you desaturate by 10%, it is **37, 12.985, 149.351**.

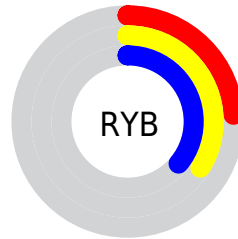
Distribution



Red (24%)

Green (36%)

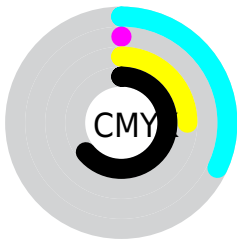
Blue (27%)



Red (24%)

Yellow (34%)

Blue (36%)

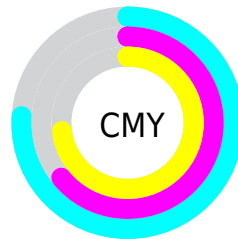


Cyan (32%)

Magenta (0%)

Yellow (25%)

Black (64%)



Cyan (76%)


Magenta (64%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 18.948, 148.535 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, 18.948, 148.535 by changing the saturation by 10% instead.


 36, 18.948,
148.535


 36, 18.948,
148.535

 100, 18.948,
148.535


 26, 18.948,
148.535

 56, 18.948,
148.535


 16, 18.948,
148.535


 66, 18.948,
148.535

 6, 18.948, 148.535

 76, 18.948,
148.535

 0, 18.948, 148.535

 86, 18.948,
148.535

 96, 18.948,
148.535

■ 36, 18.948,
148.535

■ 36, 18.948,
148.535

■ 35, 24.800,
147.602

■ 37, 12.985,
149.351

■ 35, 30.441,
146.537

■ 38, 6.991, 150.070

■ 39, 1.030, 150.833

■ 34, 35.766,
145.332

■ 40, 4.846, 331.166

■ 34, 40.660,
143.989

■ 41, 10.603,
331.661

■ 34, 45.012,
142.526

■ 42, 16.216,
332.088

■ 33, 48.737,
141.006

■ 43, 21.671,
332.465

■ 33, 51.469,
140.001

■ 45, 26.959,
332.801

■ 46, 32.079,
333.103

Harmonies

Complementary

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



36, 18.948, 148.535



30, 19.037, 332.656

Rectangle

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



36, 18.948, 148.535



36, 18.948, 198.535



36, 18.948, 328.535



36, 18.948, 18.535

Sweetspot

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



36, 18.949, 148.535



49, 7.433, 150.166



38, 17.798, 115.984



25, 5.114, 150.103



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, 18.949, 148.535



46, 28.265, 147.848



36, 12.990, 173.076



18, 3.340, 150.266



40, 59.082, 139.566



82, 106.947, 138.440

Inverse Universe

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



30, 19.037, 332.656



38, 28.378, 333.138



30, 14.167, 359.185



17, 3.351, 331.237



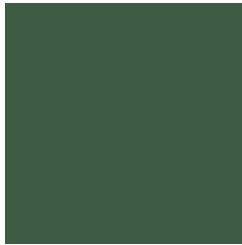
24, 53.259, 337.981



54, 92.989, 338.766

Previews

White Background



This preview shows how the CIELCh color 36, 18.948, 148.535 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, 18.948, 148.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

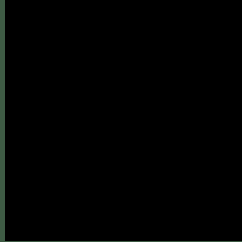
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 18.948, 148.535

Background



This preview shows how black text looks on a background with the CIELCh color 36, 18.948, 148.535.



This preview shows how white text looks on a background with the CIELCh color 36, 18.948, 148.535.

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

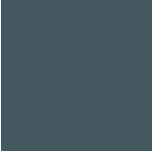
36, 18.948, 148.535

Protanopia

36, 12.057, 94.813

Deuteranopia

36, 9.683, 59.618



Tritanopia
36, 8.743, 228.515

Trichromacy



Original Color
36, 18.948, 148.535

Protanomaly
36, 13.305, 121.832

Deuteranomaly
36, 9.273, 111.409

Tritanomaly
36, 9.677, 183.165

Monochromacy



Original Color
36, 18.948, 148.535

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 6.638, 149.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 18.948, 148.535 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(62, 91, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 91, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 18.948, 148.535 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, 68) }
```

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

```
.border{ border-color:rgb(62, 91, 68) }
```

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, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 91, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 91, 68);  
box-shadow:4px 4px 4px 4px rgb(62, 91, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 18.948, 148.535 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, 68) }
```

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

```
.background{ background-color: rgb(62, 91,  
68) }
```

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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