

Converting Colors

CIELCh(36, 29.535, 141.021)

Have a look what the booklet for
CIELCh(36, 29.535, 141.021)
contains.

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Color

CIELCh(36, 29.653, 140.909)

Conversions

Conversions Part 1

Format	Color
Hex	375E36
RGB	55, 94, 54
RGB Percent	22%, 37%, 21%
CMY	0.7857, 0.6328, 0.7895
CMYK	0.42, 0.00, 0.43, 0.63
HSL	119°, 27%, 29%
HSV	119°, 43%, 37%
XYZ	6.1860, 9.0082, 4.8625
YIQ	77.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

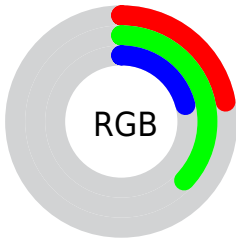
Format	Color
RYB	54, 94, 93
Decimal	3628598
CIELab	36.00, -23.02, 18.70
CIElCh	36, 29.653, 140.909
Yxy	9.0082, 0.3084, 0.4491
Android (android.graphics.Color)	4281818678 (0xFF375E36)
YUV	77.7790, -11.7230, -19.9772
Hunter-Lab	30.0136, -15.7335, 11.4039

Details

The CIELCh color **36, 29.653, 140.909** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 29.651, 325.834**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 29.954, 140.746**, and **16, 29.452, 140.932** is the 20% darker color. If you saturate the color by 10%, you get **35, 36.161, 139.989**, and if you desaturate by 10%, it is **37, 22.839, 141.742**.

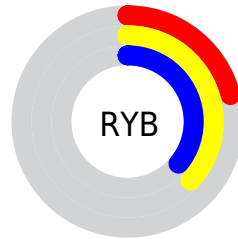
Distribution



Red (22%)

Green (37%)

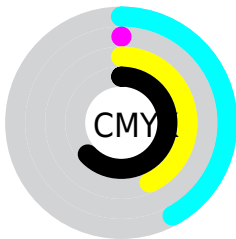
Blue (21%)



Red (21%)

Yellow (37%)

Blue (36%)

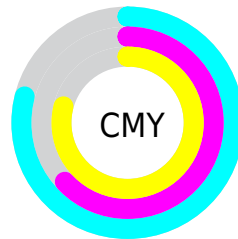


Cyan (42%)

Magenta (0%)

Yellow (43%)

Black (63%)



Cyan (79%)


Magenta (63%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 29.653, 140.909 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, 29.653, 140.909 by changing the saturation by 10% instead.


 36, 29.653,
140.909


 36, 29.653,
140.909

 100, 29.653,
140.909


 26, 29.653,
140.909

 56, 29.653,
140.909


 16, 29.653,
140.909


 66, 29.653,
140.909

 6, 29.653, 140.909

 76, 29.653,
140.909

 0, 29.653, 140.909

 86, 29.653,
140.909

 96, 29.653,
140.909

■ 36, 29.653,
140.909

■ 36, 29.653,
140.909

■ 35, 36.161,
139.989

■ 37, 22.839,
141.742

■ 35, 42.182,
139.009

■ 38, 15.864,
142.478

■ 35, 47.499,
138.028

■ 38, 8.840, 143.122

■ 34, 51.868,
137.140

■ 39, 1.855, 143.733

■ 34, 55.123,
136.411

■ 41, 5.028, 324.096

■ 42, 11.766,
324.515

■ 34, 57.396,
135.792

■ 43, 18.331,
324.864

■ 44, 24.706,
325.162

■ 46, 30.885,
325.416

Harmonies

Complementary

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



36, 29.653, 140.909



29, 29.651, 325.834

Rectangle

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



36, 29.653, 140.909



36, 29.653, 190.909



36, 29.653, 320.909



36, 29.653, 10.909

Sweetspot

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



36, 29.654, 140.909



50, 11.298, 143.078



38, 23.176, 104.885



25, 7.837, 142.983



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, 29.654, 140.909



46, 43.642, 139.996



36, 21.074, 158.068



18, 3.831, 143.352



40, 64.157, 135.828



82, 113.261, 135.942

Inverse Universe

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



29, 29.651, 325.834



35, 43.527, 326.249



28, 21.907, 345.656



17, 3.839, 324.198



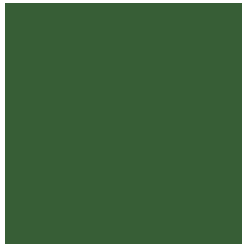
24, 62.127, 327.310



55, 109.514, 327.250

Previews

White Background



This preview shows how the CIELCh color 36, 29.653, 140.909 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, 29.653, 140.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

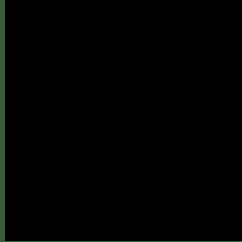
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 29.653, 140.909

Background



This preview shows how black text looks on a background with the CIELCh color 36, 29.653, 140.909.



This preview shows how white text looks on a background with the CIELCh color 36, 29.653, 140.909.

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, 29.653, 140.909

Protanopia

36, 21.149, 96.015

Deuteranopia

36, 17.880, 74.859



Tritanopia
36, 10.590, 222.651

Trichromacy



Original Color
36, 29.653, 140.909

Protanomaly
36, 22.906, 118.339

Deuteranomaly
36, 18.351, 110.040

Tritanomaly
36, 14.063, 171.283

Monochromacy



Original Color
36, 29.653, 140.909

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 10.743, 143.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 29.653, 140.909 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(55, 94, 54)` looks like.

```
.text, #text, p{  
    color:rgb(55, 94, 54)  
}
```

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(55, 94, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 94, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 29.653, 140.909 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(55, 94, 54) }
```

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

```
.border{ border-color:rgb(55, 94, 54) }
```

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

Here you see how a box with a 4 pixel rgb(55, 94, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 94, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 94, 54);  
box-shadow:4px 4px 4px 4px rgb(55, 94, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 29.653, 140.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 94, 54) }
```

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

```
.background{ background-color: rgb(55, 94,  
54) }
```

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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