

Converting Colors

CIELCh(36, 29.674, 144.115)

Have a look what the booklet for
CIELCh(36, 29.674, 144.115)
contains.

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Color

CIELCh(36, 29.588, 144.341)

Conversions

Conversions Part 1

Format	Color
Hex	335E38
RGB	51, 94, 56
RGB Percent	20%, 37%, 22%
CMY	0.7998, 0.6311, 0.7802
CMYK	0.46, 0.00, 0.40, 0.63
HSL	127°, 30%, 28%
HSV	127°, 46%, 37%
XYZ	6.0919, 9.0082, 5.1666
YIQ	76.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

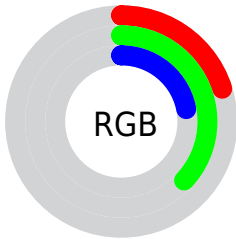
Format	Color
RYB	51, 90, 94
Decimal	3366456
CIELab	36.00, -24.04, 17.25
CIELCh	36, 29.588, 144.341
Yxy	9.0082, 0.3006, 0.4445
Android (android.graphics.Color)	4281556536 (0xFF335E38)
YUV	76.8110, -10.2598, -22.6362
Hunter-Lab	30.0136, -16.2933, 10.8032

Details

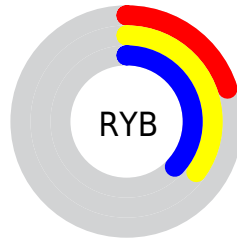
The CIELCh color **36, 29.588, 144.341** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28, 29.536, 330.284**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 29.915, 144.130**, and **16, 29.281, 144.419** is the 20% darker color. If you saturate the color by 10%, you get **35, 35.603, 143.267**, and if you desaturate by 10%, it is **37, 23.277, 145.292**.

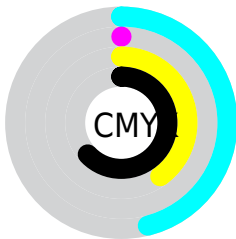
Distribution



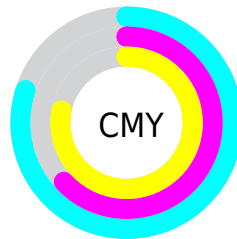
- Red (20%)
- Green (37%)
- Blue (22%)



- Red (20%)
- Yellow (35%)
- Blue (37%)



- Cyan (46%)
- Magenta (0%)
- Yellow (40%)
- Black (63%)





- Cyan (80%)
- Magenta (63%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 29.588, 144.341 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, 29.588, 144.341 by changing the saturation by 10% instead.


 36, 29.588,
144.341


 36, 29.588,
144.341

 100, 29.588,
144.341


 26, 29.588,
144.341

 56, 29.588,
144.341


 16, 29.588,
144.341


 66, 29.588,
144.341

 6, 29.588, 144.341

 76, 29.588,
144.341

 0, 29.588, 144.341

 86, 29.588,
144.341

 96, 29.588,
144.341

■ 36, 29.588,
144.341

■ 36, 29.588,
144.341

■ 35, 35.603,
143.267

■ 37, 23.277,
145.292

■ 35, 41.178,
142.076

■ 37, 16.792,
146.123

■ 35, 46.159,
140.799

■ 38, 10.239,
146.848

■ 34, 50.384,
139.490

■ 39, 3.701, 147.498

■ 34, 53.780,
138.338

■ 40, 2.759, 327.930

■ 34, 55.030,
138.017

■ 42, 9.096, 328.437

■ 43, 15.278,
328.850

■ 44, 21.286,
329.206

■ 45, 27.110,
329.518

Harmonies

Complementary

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



36, 29.588, 144.341



28, 29.536, 330.284

Rectangle

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



36, 29.588, 144.341



36, 29.588, 194.341



36, 29.588, 324.341



36, 29.588, 14.341

Sweetspot

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



36, 29.589, 144.341



50, 11.322, 146.934



39, 25.674, 110.682



25, 7.748, 146.836



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, 29.589, 144.341



46, 43.581, 143.154



36, 20.202, 164.988



18, 3.563, 147.300



40, 61.700, 137.738



82, 110.873, 136.936

Inverse Universe

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



28, 29.536, 330.284



34, 43.241, 330.884



27, 21.947, 354.268



17, 3.572, 328.215



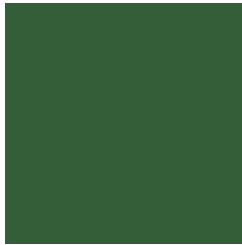
24, 56.895, 333.203



55, 99.722, 333.569

Previews

White Background



This preview shows how the CIELCh color 36, 29.588, 144.341 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, 29.588, 144.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

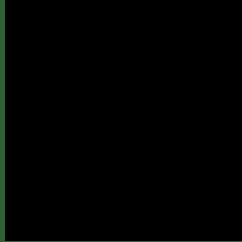
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 29.588, 144.341

Background



This preview shows how black text looks on a background with the CIELCh color 36, 29.588, 144.341.



This preview shows how white text looks on a background with the CIELCh color 36, 29.588, 144.341.

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, 29.588, 144.341

Protanopia

36, 19.983, 95.650

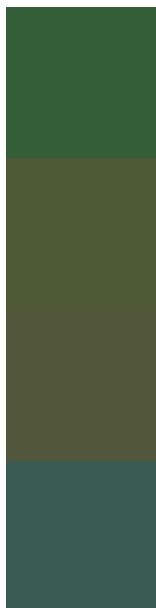
Deuteranopia

36, 16.536, 74.318



Tritanopia
36, 11.503, 220.505

Trichromacy



Original Color
36, 29.588, 144.341

Protanomaly
36, 21.879, 120.265

Deuteranomaly
36, 17.244, 113.522

Tritanomaly
36, 15.020, 172.902

Monochromacy



Original Color
36, 29.588, 144.341

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 11.000, 145.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 29.588, 144.341 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(51, 94, 56)` looks like.

```
.text, #text, p{  
    color:rgb(51, 94, 56)  
}
```

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(51, 94, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 94, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 29.588, 144.341 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(51, 94, 56) }
```

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

```
.border{ border-color:rgb(51, 94, 56) }
```

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

Here you see how a box with a 4 pixel rgb(51, 94, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 94, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 94, 56);  
box-shadow:4px 4px 4px 4px rgb(51, 94, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 29.588, 144.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 94, 56) }
```

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

```
.background{ background-color: rgb(51, 94,  
56) }
```

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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