

Converting Colors

CIELCh(36, 28.982, 152.682)

Have a look what the booklet for
CIELCh(36, 28.982, 152.682)
contains.

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Color

CIELCh(36, 28.788, 152.840)

Conversions

Conversions Part 1

Format	Color
Hex	2B5F3F
RGB	43, 95, 63
RGB Percent	17%, 37%, 25%
CMY	0.8323, 0.6283, 0.7538
CMYK	0.55, 0.00, 0.34, 0.63
HSL	143°, 38%, 27%
HSV	143°, 55%, 37%
XYZ	5.9493, 9.0082, 6.0967
YIQ	75.8040, -20.7200, -20.9760

Conversions

Conversions Part 2

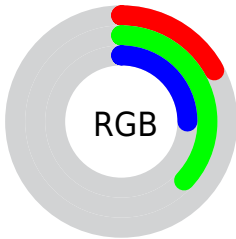
Format	Color
R_YB	43, 81, 95
Decimal	2842431
CIE _{Lab}	36.00, -25.61, 13.14
CIE _{LCh}	36, 28.788, 152.840
Yxy	9.0082, 0.2826, 0.4279
Android (android.graphics.Color)	4281032511 (0xFF2B5F3F)
YUV	75.8040, -6.3124, -28.7691
Hunter-Lab	30.0136, -17.1412, 8.9659

Details

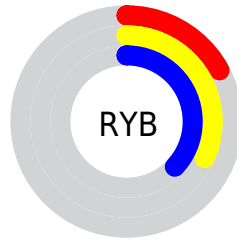
The CIELCh color **36, 28.788, 152.840** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **26, 29.431, 342.536**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 28.695, 152.876**, and **16, 27.125, 149.874** is the 20% darker color. If you saturate the color by 10%, you get **36, 33.415, 151.476**, and if you desaturate by 10%, it is **37, 23.852, 154.045**.

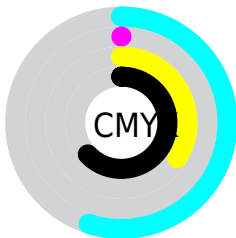
Distribution



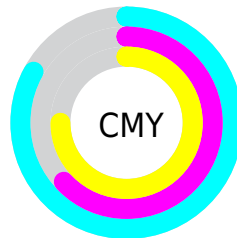
- Red (17%)
- Green (37%)
- Blue (25%)



- Red (17%)
- Yellow (32%)
- Blue (37%)



- Cyan (55%)
- Magenta (0%)
- Yellow (34%)
- Black (63%)





- Cyan (83%)
- Magenta (63%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 28.788, 152.840 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, 28.788, 152.840 by changing the saturation by 10% instead.


 36, 28.788,
152.840

 36, 28.788,
152.840

 100, 28.788,
152.840


 26, 28.788,
152.840

 56, 28.788,
152.840

 16, 28.788,
152.840


 66, 28.788,
152.840

 6, 28.788, 152.840

 76, 28.788,
152.840

 0, 28.788, 152.840

 86, 28.788,
152.840

 96, 28.788,
152.840

■ 36, 28.788,
152.840

■ 36, 28.788,
152.840

■ 36, 33.415,
151.476

■ 37, 23.852,
154.045

■ 35, 37.655,
149.940

■ 37, 18.689,
155.108

■ 35, 41.447,
148.229

■ 38, 13.380,
156.049

■ 35, 44.821,
146.433

■ 39, 8.000, 156.891

■ 35, 46.496,
145.621

■ 40, 2.610, 157.686

■ 41, 2.739, 338.191

■ 42, 8.009, 338.843

■ 43, 13.171,
339.398

■ 44, 18.207,

Harmonies

Complementary

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



36, 28.788, 152.840



26, 29.431, 342.536

Rectangle

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



36, 28.788, 152.840



36, 28.788, 202.840



36, 28.788, 332.840



36, 28.788, 22.840

Sweetspot

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



36, 28.789, 152.840



50, 10.626, 156.761



37, 32.030, 122.343



25, 7.108, 156.658



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, 28.789, 152.840



46, 41.678, 151.017



37, 19.109, 185.531



20, 3.067, 157.361



41, 52.927, 145.132



83, 95.531, 143.684

Inverse Universe

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



26, 29.431, 342.536



31, 42.161, 344.117



25, 25.416, 16.768



18, 3.088, 338.506



23, 48.437, 350.212



53, 83.722, 352.151

Previews

White Background



This preview shows how the CIELCh color 36, 28.788, 152.840 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, 28.788, 152.840 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, 28.788, 152.840

Background



This preview shows how black text looks on a background with the CIELCh color 36, 28.788, 152.840.



This preview shows how white text looks on a background with the CIELCh color 36, 28.788, 152.840.

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, 28.788, 152.840

Protanopia

36, 16.342, 95.692

Deuteranopia

36, 12.666, 66.735



Tritanopia
36, 14.211, 218.459

Trichromacy



Original Color
36, 28.788, 152.840

Protanomaly
35, 18.492, 128.968

Deuteranomaly
35, 13.330, 121.819

Tritanomaly
36, 16.887, 182.165

Monochromacy



Original Color
36, 28.788, 152.840

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 11.179, 155.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 28.788, 152.840 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(43, 95, 63)` looks like.

```
.text, #text, p{  
    color:rgb(43, 95, 63)  
}
```

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(43, 95, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 95, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 28.788, 152.840 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(43, 95, 63) }
```

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

```
.border{ border-color:rgb(43, 95, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 95, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 95, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 95, 63);  
box-shadow:4px 4px 4px 4px rgb(43, 95, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 28.788, 152.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 95, 63) }
```

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

```
.background{ background-color: rgb(43, 95,  
63) }
```

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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