

Converting Colors

CIELCh(36, 40.569, 151.325)

Have a look what the booklet for
CIELCh(36, 40.569, 151.325)
contains.

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Color

CIELCh(36, 40.617, 151.277)

Conversions

Conversions Part 1

Format	Color
Hex	0B6234
RGB	11, 98, 52
RGB Percent	4%, 38%, 20%
CMY	0.9586, 0.6165, 0.7969
CMYK	0.89, 0.00, 0.47, 0.62
HSL	148°, 81%, 21%
HSV	148°, 89%, 38%
XYZ	5.0944, 9.0082, 4.6955
YIQ	66.7430, -37.0860, -32.7500

Conversions

Conversions Part 2

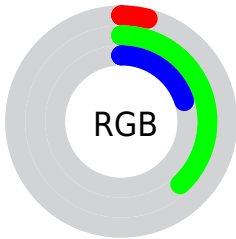
Format	Color
RYB	11, 70, 98
Decimal	746036
CIELab	36.00, -35.62, 19.52
CIELCh	36, 40.617, 151.277
Yxy	9.0082, 0.2710, 0.4792
Android (android.graphics.Color)	4278936116 (0xFF0B6234)
YUV	66.7430, -7.2683, -48.8866
Hunter-Lab	30.0136, -22.2259, 11.7338

Details

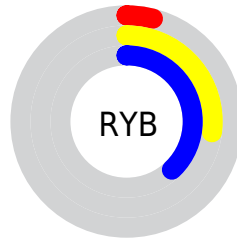
The CIELCh color **36, 40.617, 151.277** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20, 40.540, 354.084**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 40.868, 151.009**, and **17, 33.679, 141.564** is the 20% darker color. If you saturate the color by 10%, you get **36, 43.687, 149.477**, and if you desaturate by 10%, it is **36, 37.292, 153.121**.

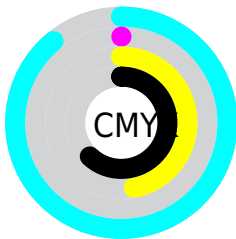
Distribution



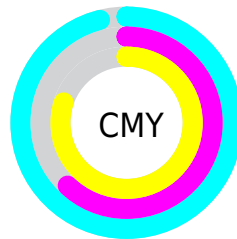
- Red (4%)
- Green (38%)
- Blue (20%)



- Red (4%)
- Yellow (27%)
- Blue (38%)



- Cyan (89%)
- Magenta (0%)
- Yellow (47%)
- Black (62%)





- Cyan (96%)
- Magenta (62%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 40.617, 151.277 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, 40.617, 151.277 by changing the saturation by 10% instead.


 36, 40.617,
151.277


 36, 40.617,
151.277

 100, 40.617,
151.277


 26, 40.617,
151.277

 56, 40.617,
151.277

 16, 40.617,
151.277

 66, 40.617,
151.277

 6, 40.617, 151.277

 76, 40.617,
151.277

 0, 40.617, 151.277

 86, 40.617,
151.277

 96, 40.617,
151.277

■ 36, 40.617,
151.277

■ 36, 40.617,
151.277

■ 36, 43.687,
149.477

■ 36, 37.292,
153.121

■ 36, 43.928,
149.348

■ 37, 33.523,
154.781

■ 37, 29.348,
156.261

■ 38, 24.826,
157.574

■ 38, 20.030,
158.740

■ 39, 15.039,
159.779

■ 40, 9.926, 160.712

■ 41, 4.758, 161.571

Harmonies

Complementary

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



36, 40.617, 151.277



20, 40.540, 354.084

Rectangle

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



36, 40.617, 151.277



36, 40.617, 201.277



36, 40.617, 331.277



36, 40.617, 21.277

Sweetspot

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



36, 40.617, 151.277



50, 17.303, 159.915



37, 49.472, 125.476



25, 11.544, 159.702



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 40.617, 151.277



46, 53.864, 148.604



37, 24.504, 192.139



20, 2.875, 161.600



41, 48.812, 148.940



84, 88.082, 147.420

Inverse Universe

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



20, 40.540, 354.084



27, 51.168, 358.105



19, 44.228, 32.653



18, 2.905, 342.839



23, 46.777, 357.545



52, 81.166, 0.177

Previews

White Background



This preview shows how the CIELCh color 36, 40.617, 151.277 looks on a white background.

Color Contrast Check

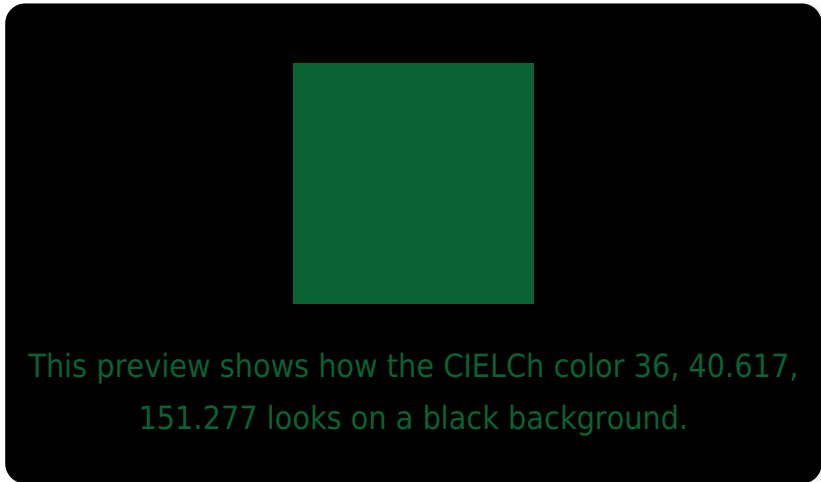
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 40.617, 151.277

Background



This preview shows how black text looks on a background with the CIELCh color 36, 40.617, 151.277.



This preview shows how white text looks on a background with the CIELCh color 36, 40.617, 151.277.

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, 40.617, 151.277

Protanopia
36, 23.418, 96.625

Deuteranopia
36, 18.412, 75.711



Tritanopia
36, 18.098, 213.403

Trichromacy



Original Color
36, 40.617, 151.277

Protanomaly
35, 27.738, 132.377

Deuteranomaly
35, 22.027, 130.067

Tritanomaly
36, 23.793, 177.962

Monochromacy



Original Color
36, 40.617, 151.277

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 17.430, 158.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 40.617, 151.277 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(11, 98, 52)` looks like.

```
.text, #text, p{  
    color:rgb(11, 98, 52)  
}
```

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(11, 98, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 98, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 40.617, 151.277 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(11, 98, 52) }
```

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

```
.border{ border-color:rgb(11, 98, 52) }
```

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

Here you see how a box with a 4 pixel rgb(11, 98, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 98, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 98, 52);  
box-shadow:4px 4px 4px 4px rgb(11, 98, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 40.617, 151.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 98, 52) }
```

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

```
.background{ background-color: rgb(11, 98,  
52) }
```

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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