

Converting Colors

CIELCh(36, 56.656, 138.563)

Have a look what the booklet for
CIELCh(36, 56.656, 138.563)
contains.

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Color

CIELCh(36, 56.547, 138.374)

Conversions

Conversions Part 1

Format	Color
Hex	01630E
RGB	1, 99, 14
RGB Percent	0%, 39%, 5%
CMY	0.9979, 0.6108, 0.9439
CMYK	0.99, 0.00, 0.86, 0.61
HSL	128°, 99%, 20%
HSV	128°, 99%, 39%
XYZ	4.5741, 9.0082, 1.9240
YIQ	60.0080, -31.1230, -47.2110

Conversions

Conversions Part 2

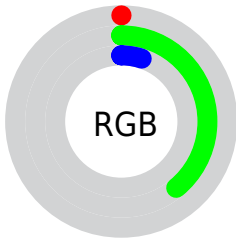
Format	Color
R_{YB}	1, 88, 99
Decimal	90894
CIE _{Lab}	36.00, -42.27, 37.56
CIE _{LCh}	36, 56.547, 138.374
Yxy	9.0082, 0.2950, 0.5809
Android (android.graphics.Color)	4278280974 (0xFF01630E)
YUV	60.0080, -22.6819, -51.7500
Hunter-Lab	30.0136, -25.3202, 17.2088

Details

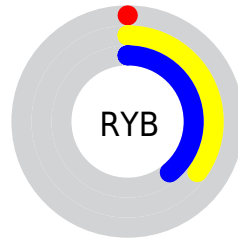
The CIELCh color **36, 56.547, 138.374** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21, 52.075, 334.239**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 56.421, 138.410**, and **17, 36.761, 138.832** is the 20% darker color. If you saturate the color by 10%, you get **36, 56.705, 138.333**, and if you desaturate by 10%, it is **36, 53.256, 139.463**.

Distribution



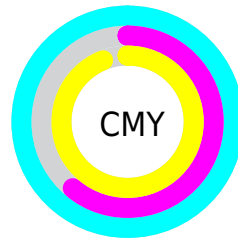
- Red (0%)
- Green (39%)
- Blue (5%)



- Red (0%)
- Yellow (35%)
- Blue (39%)



- Cyan (99%)
- Magenta (0%)
- Yellow (86%)
- Black (61%)





- Cyan (100%)
- Magenta (61%)
- Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 56.547, 138.374 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, 56.547, 138.374 by changing the saturation by 10% instead.


 36, 56.547,
138.374


 36, 56.547,
138.374

 100, 56.547,
138.374


 26, 56.547,
138.374

 56, 56.547,
138.374


 16, 56.547,
138.374


 66, 56.547,
138.374

 6, 56.547, 138.374

 76, 56.547,
138.374

 0, 56.547, 138.374

 86, 56.547,
138.374

 96, 56.547,
138.374

■ 36, 56.547,
138.374

■ 36, 56.547,
138.374

■ 36, 56.705,
138.333

■ 36, 53.256,
139.463

■ 36, 49.199,
140.840

■ 37, 44.330,
142.194

■ 37, 38.804,
143.462

■ 38, 32.773,
144.610

■ 38, 26.386,
145.629

■ 39, 19.775,
146.521

■ 40, 13.054,

147.299

■ 41, 6.318, 147.982

Harmonies

Complementary

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



36, 56.547, 138.374



21, 52.075, 334.239

Rectangle

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



36, 56.547, 138.374



36, 56.547, 188.374



36, 56.547, 318.374



36, 56.547, 8.374

Sweetspot

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



36, 56.547, 138.375



51, 25.137, 146.400



40, 48.897, 110.483



26, 17.269, 146.139



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



36, 56.547, 138.375



47, 69.501, 137.867



37, 37.296, 158.507



19, 3.669, 148.022



41, 62.172, 138.103



83, 110.951, 137.242

Inverse Universe

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



21, 52.075, 334.239



29, 63.067, 334.480



19, 42.287, 11.197



18, 3.678, 328.963



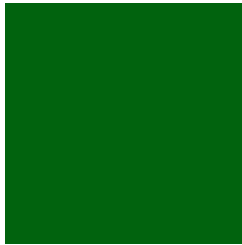
25, 56.825, 334.370



55, 98.696, 334.818

Previews

White Background



This preview shows how the CIELCh color 36, 56.547, 138.374 looks on a white background.

Color Contrast Check

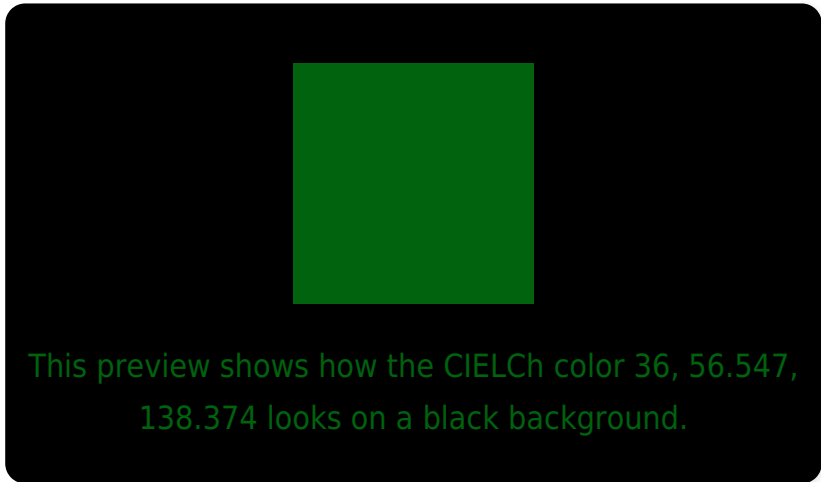
Large Text (above 18pt) WCAG AA ✓ Pass

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

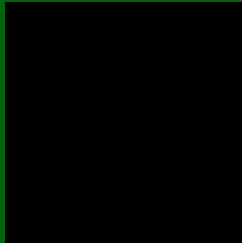
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 56.547, 138.374

Background



This preview shows how black text looks on a background with the CIELCh color 36, 56.547, 138.374.



This preview shows how white text looks on a background with the CIELCh color 36, 56.547, 138.374.

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, 56.473, 138.286

Protanopia

36, 40.870, 95.391

Deuteranopia

36, 35.606, 83.247



Tritanopia
36, 17.448, 214.091

Trichromacy



Original Color
36, 56.473, 138.286

Protanomaly
35, 44.368, 121.636

Deuteranomaly
35, 39.145, 118.352

Tritanomaly
36, 29.550, 162.679

Monochromacy



Original Color
36, 56.473, 138.286

Achromatopsia
25, 0.004, 296.813

Achromatomaly
28, 25.365, 144.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 56.547, 138.374 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(1, 99, 14)` looks like.

```
.text, #text, p{  
    color:rgb(1, 99, 14)  
}
```

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(1, 99, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 99, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 56.547, 138.374 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(1, 99, 14) }
```

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

```
.border{ border-color:rgb(1, 99, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 99, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 99, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 99, 14); box-shadow:4px  
4px 4px 4px rgb(1, 99, 14) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 56.547, 138.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 99, 14) }
```

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

```
.background{ background-color: rgb(1, 99,  
14) }
```

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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