

Converting Colors

CIELCh(43, 64.911, 137.316)

Have a look what the booklet for
CIELCh(43, 64.911, 137.316)
contains.

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Color

CIELCh(43, 65.234, 137.277)

Conversions

Conversions Part 1

Format	Color
Hex	05770D
RGB	5, 119, 13
RGB Percent	2%, 47%, 5%
CMY	0.9809, 0.5349, 0.9473
CMYK	0.96, 0.00, 0.89, 0.53
HSL	125°, 92%, 24%
HSV	125°, 96%, 47%
XYZ	6.6846, 13.1578, 2.5828
YIQ	72.8300, -33.9180, -57.1340

Conversions

Conversions Part 2

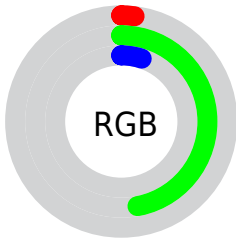
Format	Color
RYB	5, 112, 119
Decimal	358157
CIELab	43.00, -47.92, 44.26
CIELCh	43, 65.234, 137.277
Yxy	13.1578, 0.2981, 0.5867
Android (android.graphics.Color)	4278548237 (0xFF05770D)
YUV	72.8300, -29.4962, -59.4869
Hunter-Lab	36.2736, -30.5846, 21.1698

Details

The CIELCh color **43, 65.234, 137.277** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **27, 61.146, 331.194**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.194, 137.126**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **43, 66.360, 137.033**, and if you desaturate by 10%, it is **43, 61.731, 138.285**.

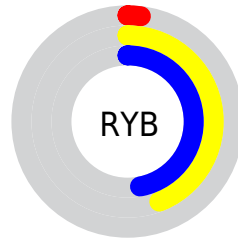
Distribution



Red (2%)

Green (47%)

Blue (5%)



Red (2%)

Yellow (44%)

Blue (47%)

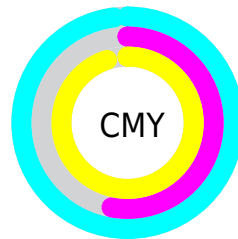


Cyan (96%)

Magenta (0%)

Yellow (89%)

Black (53%)



Cyan (98%)

Magenta (53%)

Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 65.234, 137.277 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 43, 65.234, 137.277 by changing the saturation by 10% instead.


 43, 65.234,
137.277


 43, 65.234,
137.277


 100, 65.234,
137.277


 33, 65.234,
137.277

 63, 65.234,
137.277


 23, 65.234,
137.277

 73, 65.234,
137.277

 13, 65.234,
137.277

 83, 65.234,
137.277

 3, 65.234, 137.277

 93, 65.234,
137.277

 0, 65.234, 137.277

 43, 65.234,

 43, 65.234,

137.277

137.277

■ 43, 66.360,
137.033

■ 43, 61.731,
138.285

■ 43, 56.947,
139.490

■ 44, 51.059,
140.733

■ 44, 44.308,
141.926

■ 45, 36.923,
143.021

■ 46, 29.113,
143.996

■ 47, 21.055,
144.849

■ 48, 12.895,
145.589

Harmonies

Complementary

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



43, 65.234, 137.277



27, 61.146, 331.194

Rectangle

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



43, 65.234, 137.277



43, 65.234, 187.277



43, 65.234, 317.277



43, 65.234, 7.277

Sweetspot

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



43, 65.234, 137.278



59, 29.048, 144.537



48, 54.173, 106.833



30, 19.795, 144.248



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 65.234, 137.278



55, 80.302, 136.779



44, 44.979, 154.507



24, 4.510, 146.044



44, 67.938, 136.998



86, 116.624, 136.484

Inverse Universe

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



27, 61.146, 331.194



35, 74.466, 331.422



25, 47.049, 4.852



23, 4.519, 326.997



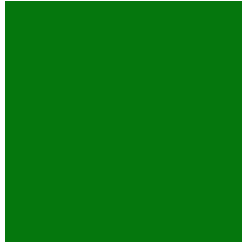
28, 63.412, 331.351



58, 107.168, 331.539

Previews

White Background



This preview shows how the CIELCh color 43, 65.234, 137.277 looks on a white background.

Color Contrast Check

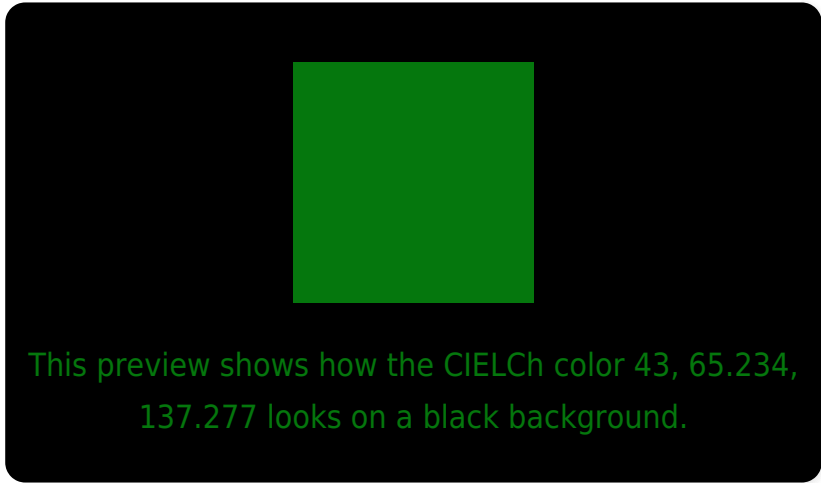
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

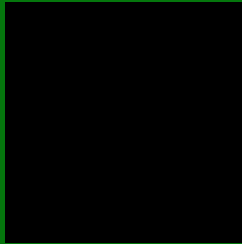
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 65.234, 137.277

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.234, 137.277.



This preview shows how white text looks on a background with the CIELCh color 43, 65.234, 137.277.

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

43, 65.496, 137.205

Protanopia

43, 48.339, 95.939

Deuteranopia

43, 41.803, 82.400



Tritanopia
43, 19.838, 213.370

Trichromacy



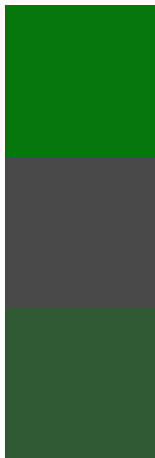
Original Color
43, 65.496, 137.205

Protanomaly
42, 52.250, 120.773

Deuteranomaly
41, 45.040, 116.587

Tritanomaly
42, 33.862, 161.122

Monochromacy



Original Color
43, 65.496, 137.205

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 30.019, 142.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.234, 137.277 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(5, 119, 13)` looks like.

```
.text, #text, p{  
    color:rgb(5, 119, 13)  
}
```

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(5, 119, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 119, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.234, 137.277 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(5, 119, 13) }
```

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

```
.border{ border-color:rgb(5, 119, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 119, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 119, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 119, 13);  
box-shadow:4px 4px 4px 4px rgb(5, 119, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.234, 137.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 119, 13) }
```

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

```
.background{ background-color: rgb(5, 119,  
13) }
```

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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