

Converting Colors

CIELCh(44, 46.351, 140.494)

Have a look what the booklet for
CIELCh(44, 46.351, 140.494)
contains.

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Color

CIELCh(44, 46.534, 140.262)

Conversions

Conversions Part 1

Format	Color
Hex	337634
RGB	51, 118, 52
RGB Percent	20%, 46%, 20%
CMY	0.8011, 0.5383, 0.7970
CMYK	0.57, 0.00, 0.56, 0.54
HSL	121°, 40%, 33%
HSV	121°, 57%, 46%
XYZ	8.4138, 13.8382, 5.4485
YIQ	90.4430, -18.7460, -34.7300

Conversions

Conversions Part 2

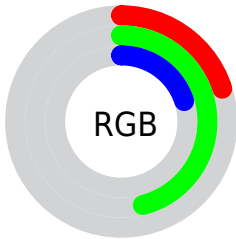
Format	Color
RYB	51, 117, 118
Decimal	3372596
CIELab	44.00, -35.78, 29.75
CIELCh	44, 46.534, 140.262
Yxy	13.8382, 0.3037, 0.4996
Android (android.graphics.Color)	4281562676 (0xFF337634)
YUV	90.4430, -18.9524, -34.5915
Hunter-Lab	37.1997, -24.7267, 17.3559

Details

The CIELCh color **44, 46.534, 140.262** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **33, 46.162, 327.679**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 46.750, 140.071**, and **25, 44.806, 137.806** is the 20% darker color. If you saturate the color by 10%, you get **43, 53.301, 139.151**, and if you desaturate by 10%, it is **45, 39.016, 141.319**.

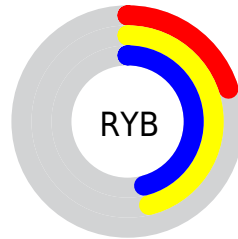
Distribution



Red (20%)

Green (46%)

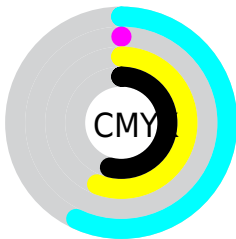
Blue (20%)



Red (20%)

Yellow (46%)

Blue (46%)

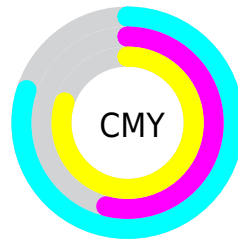


Cyan (57%)

Magenta (0%)

Yellow (56%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 46.534, 140.262 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 44, 46.534, 140.262 by changing the saturation by 10% instead.


 44, 46.534,
140.262


 44, 46.534,
140.262


 100, 46.534,
140.262

 34, 46.534,
140.262

 64, 46.534,
140.262


 24, 46.534,
140.262

 74, 46.534,
140.262

 14, 46.534,
140.262

 84, 46.534,
140.262

 4, 46.534, 140.262

 94, 46.534,
140.262


 0, 46.534, 140.262


 44, 46.534,


 44, 46.534,

140.262


140.262

 43, 53.301,
139.151


 45, 39.016,
141.319

 43, 59.031,
138.063


 45, 30.995,
142.277

 43, 63.427,
137.114

 46, 22.678,
143.124


 43, 66.436,
136.427


 47, 14.232,
143.860

 43, 67.316,
136.231

 49, 5.786, 144.506

 50, 2.564, 324.942

 51, 10.751,
325.452

 53, 18.731,
325.850

■ 54, 26.477,
326.186

Harmonies

Complementary

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



44, 46.534, 140.262



33, 46.162, 327.679

Rectangle

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



44, 46.534, 140.262



44, 46.534, 190.262



44, 46.534, 320.262



44, 46.534, 10.262

Sweetspot

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



44, 46.535, 140.262



61, 17.725, 143.825



48, 37.585, 105.088



31, 11.791, 143.721



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 46.535, 140.262



56, 66.509, 138.840



45, 32.174, 157.767



24, 4.700, 144.374



44, 69.228, 136.222



86, 117.710, 136.102

Inverse Universe

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



33, 46.162, 327.679



40, 65.395, 328.152



31, 33.999, 349.684



23, 4.708, 325.306



28, 66.348, 328.835



59, 112.413, 328.869

Previews

White Background



This preview shows how the CIELCh color 44, 46.534, 140.262 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



This preview shows how the CIELCh color 44, 46.534, 140.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

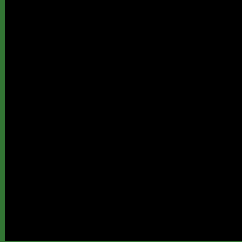
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 46.534, 140.262

Background



This preview shows how black text looks on a background with the CIELCh color 44, 46.534, 140.262.



This preview shows how white text looks on a background with the CIELCh color 44, 46.534, 140.262.

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

44, 46.534, 140.262

Protanopia

44, 33.350, 96.158

Deuteranopia

44, 28.338, 79.115



Tritanopia
44, 15.954, 217.751

Trichromacy



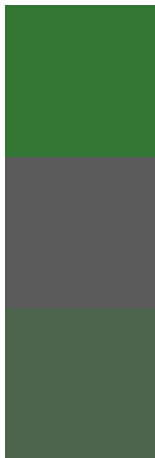
Original Color
44, 46.534, 140.262

Protanomaly
43, 35.239, 118.196

Deuteranomaly
43, 29.793, 112.153

Tritanomaly
44, 22.568, 168.228

Monochromacy



Original Color
44, 46.534, 140.262

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 17.863, 142.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 46.534, 140.262 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, 118, 52)` looks like.

```
.text, #text, p{  
    color:rgb(51, 118, 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(51, 118, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 118, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 46.534, 140.262 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, 118, 52) }
```

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

```
.border{ border-color:rgb(51, 118, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 118, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 118, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 118, 52);  
box-shadow:4px 4px 4px 4px rgb(51, 118,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 46.534, 140.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 118, 52) }
```

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

```
.background{ background-color: rgb(51, 118,  
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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