

Converting Colors

CIELCh(46, 64.588, 137.126)

Have a look what the booklet for
CIELCh(46, 64.588, 137.126)
contains.

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Color

CIELCh(46, 64.543, 137.111)

Conversions

Conversions Part 1

Format	Color
Hex	1A7E18
RGB	26, 126, 24
RGB Percent	10%, 49%, 9%
CMY	0.8967, 0.5050, 0.9049
CMYK	0.79, 0.00, 0.81, 0.51
HSL	119°, 68%, 30%
HSV	119°, 81%, 49%
XYZ	8.0912, 15.2687, 3.3984
YIQ	84.4720, -26.8580, -52.9220

Conversions

Conversions Part 2

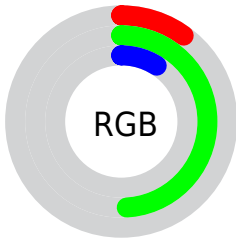
Format	Color
RYB	24, 126, 124
Decimal	1736216
CIELab	46.00, -47.29, 43.93
CIELCh	46, 64.543, 137.111
Yxy	15.2687, 0.3024, 0.5706
Android (android.graphics.Color)	4279926296 (0xFF1A7E18)
YUV	84.4720, -29.8127, -51.2799
Hunter-Lab	39.0751, -31.4198, 22.1962

Details

The CIELCh color **46, 64.543, 137.111** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **31, 63.182, 327.265**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 64.847, 137.125**, and **27, 49.390, 136.086** is the 20% darker color. If you saturate the color by 10%, you get **46, 68.422, 136.423**, and if you desaturate by 10%, it is **46, 59.069, 138.032**.

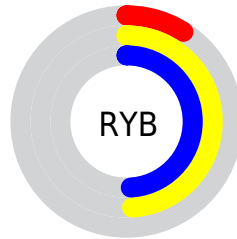
Distribution



Red (10%)

Green (49%)

Blue (9%)



Red (9%)

Yellow (49%)

Blue (49%)

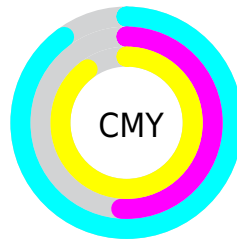


Cyan (79%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (90%)


Magenta (51%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 64.543, 137.111 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 46, 64.543, 137.111 by changing the saturation by 10% instead.


 46, 64.543,
137.111


 46, 64.543,
137.111


 100, 64.543,
137.111


 36, 64.543,
137.111

 66, 64.543,
137.111


 26, 64.543,
137.111

 76, 64.543,
137.111

 16, 64.543,
137.111

 86, 64.543,
137.111

 6, 64.543, 137.111

 96, 64.543,
137.111

 0, 64.543, 137.111

 46, 64.543,

 46, 64.543,

137.111

137.111

■ 46, 68.422,
136.423

■ 46, 59.069,
138.032

■ 46, 70.998,
135.881

■ 47, 52.317,
139.057

■ 47, 44.622,
140.080

■ 48, 36.282,
141.039

■ 49, 27.544,
141.900

■ 50, 18.603,
142.656

■ 51, 9.614, 143.315

■ 53, 0.691, 144.114

Harmonies

Complementary

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



46, 64.543, 137.111



31, 63.182, 327.265

Rectangle

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



46, 64.543, 137.111



46, 64.543, 187.111



46, 64.543, 317.111



46, 64.543, 7.111

Sweetspot

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



46, 64.543, 137.112



63, 26.514, 142.383



50, 50.880, 101.707



32, 18.120, 142.160



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



46, 64.543, 137.112



58, 84.902, 136.057



46, 46.606, 152.118



26, 5.059, 143.419



46, 71.518, 135.883



0, 0.000, 0.000

Inverse Universe

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



31, 63.182, 327.265



38, 82.197, 327.418



29, 47.192, 352.113



25, 5.069, 324.337



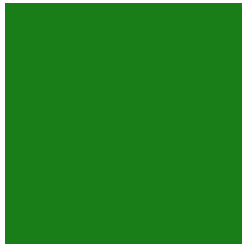
29, 69.190, 327.444



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 64.543, 137.111 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 46, 64.543, 137.111 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 46, 64.543, 137.111

Background



This preview shows how black text looks on a background with the CIELCh color 46, 64.543, 137.111.



This preview shows how white text looks on a background with the CIELCh color 46, 64.543, 137.111.

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

46, 64.543, 137.111

Protanopia

46, 47.325, 95.760

Deuteranopia

46, 41.680, 81.598



Tritanopia
46, 20.202, 212.918

Trichromacy



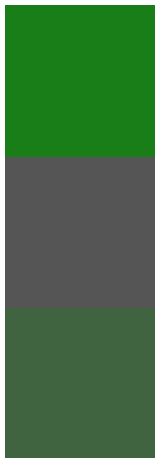
Original Color
46, 64.543, 137.111

Protanomaly
45, 50.477, 118.507

Deuteranomaly
44, 43.816, 113.444

Tritanomaly
46, 32.733, 161.790

Monochromacy



Original Color
46, 64.543, 137.111

Achromatopsia
36, 0.005, 296.813

Achromatomaly
39, 27.218, 141.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 64.543, 137.111 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(26, 126, 24)` looks like.

```
.text, #text, p{  
    color:rgb(26, 126, 24)  
}
```

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(26, 126, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 126, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 64.543, 137.111 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(26, 126, 24) }
```

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

```
.border{ border-color:rgb(26, 126, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 126, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 126, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 126, 24);  
box-shadow:4px 4px 4px 4px rgb(26, 126,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 64.543, 137.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 126, 24) }
```

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

```
.background{ background-color: rgb(26, 126,  
24) }
```

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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