

Converting Colors

CIELCh(52, 14.383, 137.059)

Have a look what the booklet for
CIELCh(52, 14.383, 137.059)
contains.

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Color

CIELCh(52, 14.534, 137.225)

Conversions

Conversions Part 1

Format	Color
Hex	70816B
RGB	112, 129, 107
RGB Percent	44%, 51%, 42%
CMY	0.5615, 0.4948, 0.5811
CMYK	0.13, 0.00, 0.17, 0.49
HSL	106°, 9%, 46%
HSV	106°, 17%, 51%
XYZ	17.1311, 20.1443, 16.8473
YIQ	121.4090, -3.0700, -10.4460

Conversions

Conversions Part 2

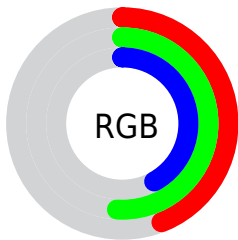
Format	Color
R_{YB}	107, 129, 124
Decimal	7373163
CIE Lab	52.00, -10.67, 9.87
CIE LCh	52, 14.534, 137.225
Yxy	20.1443, 0.3165, 0.3722
Android (android.graphics.Color)	4285563243 (0xFF70816B)
YUV	121.4090, -7.1036, -8.2517
Hunter-Lab	44.8824, -10.4130, 9.1622

Details

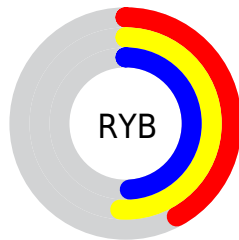
The CIELCh color $52, 14.534, 137.225$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 14.670, 318.697$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 14.767, 136.715$, and $32, 14.509, 137.672$ is the 20% darker color. If you saturate the color by 10%, you get $51, 23.079, 136.692$, and if you desaturate by 10%, it is $53, 5.995, 137.715$.

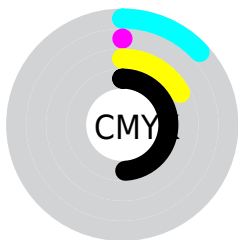
Distribution



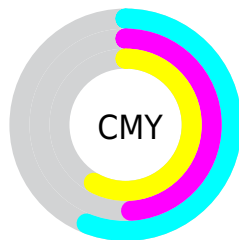
- Red (44%)
- Green (51%)
- Blue (42%)



- Red (42%)
- Yellow (51%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)





- Cyan (56%)
- Magenta (49%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 14.534, 137.225 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 52, 14.534, 137.225 by changing the saturation by 10% instead.


 52, 14.534,
137.225


 52, 14.534,
137.225


 100, 14.534,
137.225


 42, 14.534,
137.225


 72, 14.534,
137.225

 32, 14.534,
137.225

 82, 14.534,
137.225

 22, 14.534,
137.225

 92, 14.534,
137.225

 12, 14.534,
137.225

 2, 14.534, 137.225

 0, 14.534, 137.225

■ 52, 14.534,
137.225

■ 52, 14.534,
137.225

■ 51, 23.079,
136.692

■ 53, 5.995, 137.715

■ 50, 31.526,
136.110

■ 54, 2.472, 318.049

■ 49, 39.742,
135.496

■ 56, 10.815,
318.458

■ 49, 47.548,
134.886

■ 57, 18.997,
318.779

■ 48, 54.703,
134.341

■ 58, 26.997,
319.053

■ 48, 60.900,
133.953

■ 60, 34.801,
319.288

■ 47, 65.798,
133.839

■ 61, 42.403,
319.488

■ 47, 69.308,

■ 63, 49.802,
319.659

133.991

■ 65, 57.001,
319.805

■ 47, 70.259,
133.979

Harmonies

Complementary

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



52, 14.534, 137.225



47, 14.670, 318.697

Rectangle

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



52, 14.534, 137.225



52, 14.534, 187.225



52, 14.534, 317.225



52, 14.534, 7.225

Sweetspot

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



52, 14.535, 137.226



68, 5.263, 137.810



52, 9.978, 96.385



35, 3.576, 137.781



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 14.535, 137.226



66, 21.201, 137.050



52, 12.925, 151.811



26, 4.741, 137.618



46, 69.728, 133.968



0, 0.000, 0.000

Inverse Universe

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



47, 14.670, 318.697



60, 21.431, 318.843



48, 13.000, 334.057



25, 4.770, 318.350



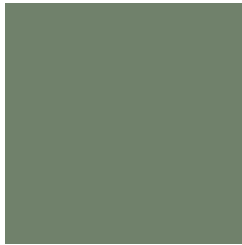
24, 70.662, 320.001



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 14.534, 137.225 looks on a white 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

Black Background



This preview shows how the CIELCh color 52, 14.534, 137.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

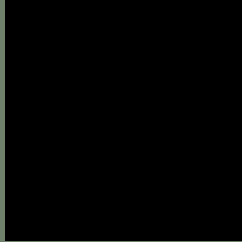
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

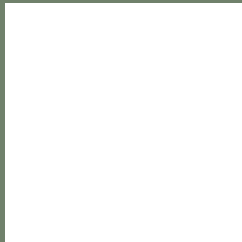
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 14.534, 137.225

Background



This preview shows how black text looks on a background with the CIELCh color 52, 14.534, 137.225.



This preview shows how white text looks on a background with the CIELCh color 52, 14.534, 137.225.

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

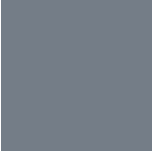
52, 14.534, 137.225

Protanopia

52, 11.380, 93.570

Deuteranopia

52, 11.059, 51.597



Tritanopia
52, 6.664, 260.113

Trichromacy



Original Color
52, 14.534, 137.225

Protanomaly
52, 11.576, 112.862

Deuteranomaly
52, 9.160, 90.272

Tritanomaly
52, 4.732, 191.914

Monochromacy



Original Color
52, 14.534, 137.225

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 5.260, 137.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 14.534, 137.225 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(112, 129, 107)` looks like.

```
.text, #text, p{  
    color:rgb(112, 129, 107)  
}
```

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(112, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 129, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 14.534, 137.225 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(112, 129, 107) }
```

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

```
.border{ border-color:rgb(112, 129, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 129, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 129, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 129, 107); box-shadow:4px 4px 4px 4px rgb(112, 129, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 14.534, 137.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 129, 107) }
```

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

```
.background{ background-color: rgb(112,  
129, 107) }
```

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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