

Converting Colors

CIELCh(46, 33.058, 152.125)

Have a look what the booklet for
CIELCh(46, 33.058, 152.125)
contains.

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Color

CIELCh(46, 33.136, 152.193)

Conversions

Conversions Part 1

Format	Color
Hex	3C7952
RGB	60, 121, 82
RGB Percent	24%, 47%, 32%
CMY	0.7644, 0.5252, 0.6781
CMYK	0.50, 0.00, 0.32, 0.53
HSL	142°, 34%, 36%
HSV	142°, 50%, 47%
XYZ	10.2420, 15.2687, 10.4055
YIQ	98.3150, -23.8370, -25.0610

Conversions

Conversions Part 2

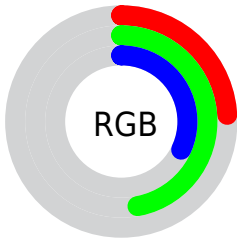
Format	Color
RYB	60, 105, 121
Decimal	3963218
CIELab	46.00, -29.31, 15.46
CIELCh	46, 33.136, 152.193
Yxy	15.2687, 0.2852, 0.4251
Android (android.graphics.Color)	4282153298 (0xFF3C7952)
YUV	98.3150, -8.0433, -33.6023
Hunter-Lab	39.0751, -21.5947, 11.5640

Details

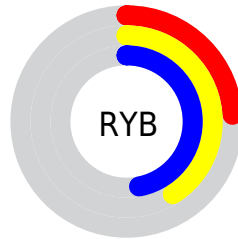
The CIELCh color **46, 33.136, 152.193** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **34, 33.745, 340.949**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 33.179, 152.576**, and **26, 33.202, 152.165** is the 20% darker color. If you saturate the color by 10%, you get **45, 39.049, 150.850**, and if you desaturate by 10%, it is **47, 26.863, 153.373**.

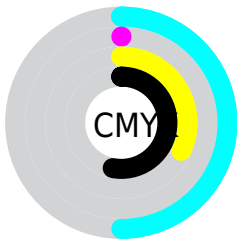
Distribution



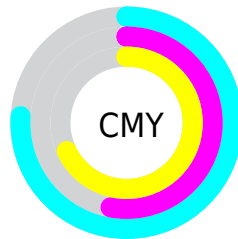
- Red (24%)
- Green (47%)
- Blue (32%)



- Red (24%)
- Yellow (41%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)





- Cyan (76%)
- Magenta (53%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 33.136, 152.193 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, 33.136, 152.193 by changing the saturation by 10% instead.


 46, 33.136,
152.193


 46, 33.136,
152.193


 100, 33.136,
152.193


 36, 33.136,
152.193

 66, 33.136,
152.193


 26, 33.136,
152.193

 76, 33.136,
152.193

 16, 33.136,
152.193

 86, 33.136,
152.193

 6, 33.136, 152.193

 96, 33.136,
152.193

 0, 33.136, 152.193

 46, 33.136,

 46, 33.136,

152.193

■ 45, 39.049,
150.850

■ 45, 44.491,
149.330

■ 45, 49.372,
147.628

■ 44, 53.633,
145.760

■ 44, 57.289,
144.007

152.193

■ 47, 26.863,
153.373

■ 48, 20.338,
154.408

■ 49, 13.669,
155.322

■ 50, 6.946, 156.141

■ 51, 0.247, 157.820

■ 52, 6.372, 337.412

■ 53, 12.865,
338.004

■ 55, 19.203,
338.528

■ 56, 25.368,

339.003

Harmonies

Complementary

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



46, 33.136, 152.193



34, 33.745, 340.949

Rectangle

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



46, 33.136, 152.193



46, 33.136, 202.193



46, 33.136, 332.193



46, 33.136, 22.193

Sweetspot

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



46, 33.137, 152.193



63, 12.509, 155.741



48, 35.856, 121.131



32, 8.490, 155.602



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 33.137, 152.193



58, 48.163, 150.689



47, 22.207, 182.775



25, 3.801, 156.243



45, 58.695, 143.932



87, 101.526, 142.720

Inverse Universe

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



34, 33.745, 340.949



42, 48.698, 342.174



33, 28.336, 13.607



24, 3.826, 337.429



27, 52.859, 348.636



55, 88.093, 350.157

Previews

White Background



This preview shows how the CIELCh color 46, 33.136, 152.193 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 CIE LCh color 46, 33.136, 152.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

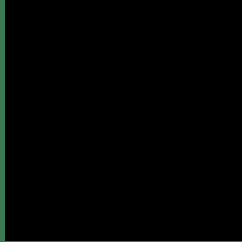
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 33.136, 152.193

Background



This preview shows how black text looks on a background with the CIELCh color 46, 33.136, 152.193.



This preview shows how white text looks on a background with the CIELCh color 46, 33.136, 152.193.

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, 33.136, 152.193

Protanopia

46, 18.723, 94.960

Deuteranopia

46, 14.982, 65.068



Tritanopia
46, 16.221, 217.261

Trichromacy



Original Color
46, 33.136, 152.193

Protanomaly
45, 21.299, 127.745

Deuteranomaly
45, 15.069, 119.766

Tritanomaly
46, 19.480, 181.220

Monochromacy



Original Color
46, 33.136, 152.193

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 12.450, 155.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 33.136, 152.193 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(60, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(60, 121, 82)  
}
```

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(60, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 121, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 33.136, 152.193 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(60, 121, 82) }
```

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

```
.border{ border-color:rgb(60, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(60, 121,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 33.136, 152.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 121, 82) }
```

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

```
.background{ background-color: rgb(60, 121,  
82) }
```

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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