

Converting Colors

CIELCh(52, 41.058, 157.820)

Have a look what the booklet for
CIELCh(52, 41.058, 157.820)
contains.

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Color

CIELCh(52, 41.313, 157.725)

Conversions

Conversions Part 1

Format	Color
Hex	2E8C60
RGB	46, 140, 96
RGB Percent	18%, 55%, 38%
CMY	0.8201, 0.4514, 0.6239
CMYK	0.67, 0.00, 0.31, 0.45
HSL	152°, 51%, 36%
HSV	152°, 67%, 55%
XYZ	12.5893, 20.1443, 14.2664
YIQ	106.8780, -41.9000, -33.6120

Conversions

Conversions Part 2

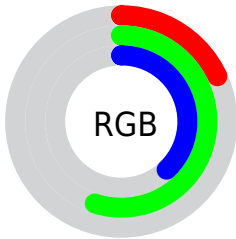
Format	Color
R_{YB}	46, 107, 140
Decimal	3050592
CIE _{Lab}	52.00, -38.23, 15.66
CIE _{LCh}	52, 41.313, 157.725
Y _{xy}	20.1443, 0.2679, 0.4286
Android (android.graphics.Color)	4281240672 (0xFF2E8C60)
YUV	106.8780, -5.3629, -53.3900
Hunter-Lab	44.8824, -28.4758, 12.5717

Details

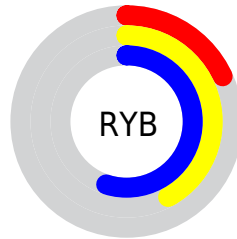
The CIELCh color **52, 41.313, 157.725** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34, 44.199, 353.880**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 41.046, 158.001**, and **33, 37.780, 153.683** is the 20% darker color. If you saturate the color by 10%, you get **52, 45.957, 155.977**, and if you desaturate by 10%, it is **53, 36.107, 159.278**.

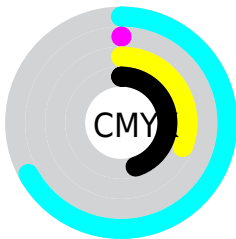
Distribution



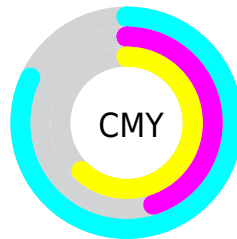
- Red (18%)
- Green (55%)
- Blue (38%)



- Red (18%)
- Yellow (42%)
- Blue (55%)



- Cyan (67%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)





- Cyan (82%)
- Magenta (45%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 41.313, 157.725 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, 41.313, 157.725 by changing the saturation by 10% instead.


 52, 41.313,
157.725


 52, 41.313,
157.725


 100, 41.313,
157.725


 42, 41.313,
157.725


 72, 41.313,
157.725


 32, 41.313,
157.725


 82, 41.313,
157.725

 22, 41.313,
157.725

 92, 41.313,
157.725

 12, 41.313,
157.725

 2, 41.313, 157.725

 0, 41.313, 157.725

■ 52, 41.313,
157.725

■ 52, 41.313,
157.725

■ 52, 45.957,
155.977

■ 53, 36.107,
159.278

■ 51, 49.999,
154.028

■ 53, 30.413,
160.657

■ 51, 53.505,
151.935

■ 54, 24.331,
161.882

■ 51, 54.456,
151.382

■ 55, 17.967,
162.977

■ 56, 11.422,
163.967

■ 57, 4.789, 164.893

■ 59, 1.856, 345.462

■ 60, 8.451, 346.340

■ 62, 14.951,
347.044

Harmonies

Complementary

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



52, 41.313, 157.725



34, 44.199, 353.880

Rectangle

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



52, 41.313, 157.725



52, 41.313, 207.725



52, 41.313, 337.725



52, 41.313, 27.725

Sweetspot

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



52, 41.313, 157.725



71, 16.364, 163.659



53, 54.367, 126.915



37, 11.239, 163.415



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 41.313, 157.725



65, 58.329, 154.929



53, 27.313, 198.737



29, 3.701, 164.714



48, 52.252, 151.508



1, 1.721, 165.424

Inverse Universe

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



34, 44.199, 353.880



41, 61.045, 357.821



34, 45.090, 29.757



27, 3.752, 346.125



28, 52.031, 3.693



0, 1.721, 345.414

Previews

White Background



This preview shows how the CIELCh color 52, 41.313, 157.725 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, 41.313, 157.725 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, 41.313, 157.725

Background



This preview shows how black text looks on a background with the CIELCh color 52, 41.313, 157.725.



This preview shows how white text looks on a background with the CIELCh color 52, 41.313, 157.725.

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, 41.313, 157.725

Protanopia
52, 20.637, 95.135

Deuteranopia
52, 14.803, 61.550



Tritanopia
52, 22.526, 214.045

Trichromacy



Original Color
52, 41.313, 157.725



Protanomaly
51, 24.856, 135.504



Deuteranomaly
51, 17.372, 133.752

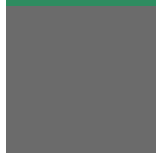


Tritanomaly
52, 26.497, 185.307

Monochromacy



Original Color
52, 41.313, 157.725



Achromatopsia
45, 0.006, 296.813



Achromatomaly
47, 16.546, 162.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 41.313, 157.725 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(46, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(46, 140, 96)  
}
```

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(46, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 140, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 41.313, 157.725 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(46, 140, 96) }
```

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

```
.border{ border-color:rgb(46, 140, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 140, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(46, 140,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 41.313, 157.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 140, 96) }
```

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

```
.background{ background-color: rgb(46, 140,  
96) }
```

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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