

Converting Colors

CIELCh(52, 47.754, 157.669)

Have a look what the booklet for
CIELCh(52, 47.754, 157.669)
contains.

CIELCh(52, 47.995, 157.441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 47.995, 157.441)

Conversions

Conversions Part 1

Format	Color
Hex	0E8E5B
RGB	14, 142, 91
RGB Percent	5%, 56%, 36%
CMY	0.9467, 0.4437, 0.6437
CMYK	0.90, 0.00, 0.36, 0.44
HSL	156°, 83%, 30%
HSV	156°, 90%, 56%
XYZ	11.7079, 20.1443, 13.1378
YIQ	97.9140, -59.9170, -42.9970

Conversions

Conversions Part 2

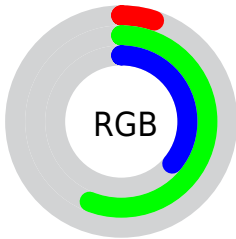
Format	Color
R_{YB}	14, 94, 142
Decimal	953947
CIE _{Lab}	52.00, -44.32, 18.41
CIE _{LCh}	52, 47.995, 157.441
Yxy	20.1443, 0.2602, 0.4478
Android (android.graphics.Color)	4279144027 (0xFF0E8E5B)
YUV	97.9140, -3.4086, -73.5926
Hunter-Lab	44.8824, -31.9813, 14.0626

Details

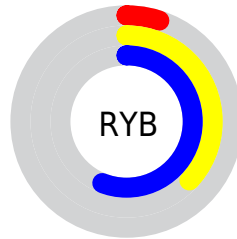
The CIELCh color **52, 47.995, 157.441** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30, 52.539, 6.552**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 48.301, 157.102**, and **33, 40.146, 150.950** is the 20% darker color. If you saturate the color by 10%, you get **52, 50.908, 155.460**, and if you desaturate by 10%, it is **52, 44.553, 159.437**.

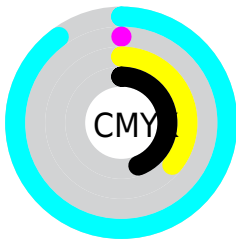
Distribution



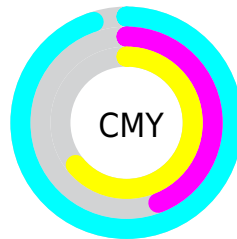
- Red (5%)
- Green (56%)
- Blue (36%)



- Red (5%)
- Yellow (37%)
- Blue (56%)



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (44%)





- Cyan (95%)
- Magenta (44%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 47.995, 157.441 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, 47.995, 157.441 by changing the saturation by 10% instead.

 52, 47.995,
157.441


 52, 47.995,
157.441


 100, 47.995,
157.441


 42, 47.995,
157.441


 72, 47.995,
157.441

 32, 47.995,
157.441

 82, 47.995,
157.441

 22, 47.995,
157.441

 92, 47.995,
157.441

 12, 47.995,
157.441

 2, 47.995, 157.441

 0, 47.995, 157.441

■ 52, 47.995,
157.441

■ 52, 47.995,
157.441

■ 52, 50.908,
155.460

■ 52, 44.553,
159.437

■ 53, 40.512,
161.232

■ 53, 35.884,
162.836

■ 54, 30.728,
164.265

■ 55, 25.128,
165.543

■ 55, 19.184,
166.693

■ 57, 12.998,
167.739

■ 58, 6.662, 168.710

Harmonies

Complementary

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



52, 47.995, 157.441



30, 52.539, 6.552

Rectangle

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



52, 47.995, 157.441



52, 47.995, 207.441



52, 47.995, 337.441



52, 47.995, 27.441

Sweetspot

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



52, 47.995, 157.441



71, 21.089, 167.001



52, 69.119, 130.025



36, 14.114, 166.683



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, 47.995, 157.441



66, 62.140, 154.941



49, 28.435, 212.341



30, 3.633, 168.828



49, 49.049, 155.572



2, 2.464, 169.573

Inverse Universe

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



30, 52.539, 6.552



39, 66.290, 11.881



31, 60.099, 39.153



28, 3.700, 350.316



28, 52.809, 10.430



1, 2.464, 349.562

Previews

White Background



This preview shows how the CIELCh color 52, 47.995, 157.441 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, 47.995, 157.441 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, 47.995, 157.441

Background



This preview shows how black text looks on a background with the CIELCh color 52, 47.995, 157.441.



This preview shows how white text looks on a background with the CIELCh color 52, 47.995, 157.441.

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, 47.995, 157.441

Protanopia

52, 23.507, 95.057

Deuteranopia

52, 17.309, 66.997



Tritanopia
52, 25.250, 211.963

Trichromacy



Original Color
52, 47.995, 157.441



Protanomaly
50, 30.303, 139.941



Deuteranomaly
50, 22.857, 140.505

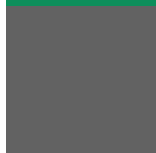


Tritanomaly
52, 30.753, 184.284

Monochromacy



Original Color
52, 47.995, 157.441



Achromatopsia
42, 0.006, 296.813



Achromatomaly
44, 21.548, 165.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 47.995, 157.441 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(14, 142, 91)` looks like.

```
.text, #text, p{  
    color:rgb(14, 142, 91)  
}
```

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(14, 142, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 142, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 47.995, 157.441 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(14, 142, 91) }
```

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

```
.border{ border-color:rgb(14, 142, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 142, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 142, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 142, 91);  
box-shadow:4px 4px 4px 4px rgb(14, 142,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 47.995, 157.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 142, 91) }
```

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

```
.background{ background-color: rgb(14, 142,  
91) }
```

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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