

Converting Colors

CIELCh(47, 33.178, 158.427)

Have a look what the booklet for
CIELCh(47, 33.178, 158.427)
contains.

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Color

CIELCh(47, 32.893, 158.532)

Conversions

Conversions Part 1

Format	Color
Hex	367C5A
RGB	54, 124, 90
RGB Percent	21%, 49%, 35%
CMY	0.7871, 0.5126, 0.6460
CMYK	0.56, 0.00, 0.27, 0.51
HSL	151°, 39%, 35%
HSV	151°, 56%, 49%
XYZ	10.6355, 16.0195, 12.2621
YIQ	99.1940, -30.8060, -25.4140

Conversions

Conversions Part 2

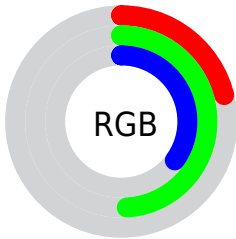
Format	Color
R_{YB}	54, 100, 124
Decimal	3570778
CIE _{Lab}	47.00, -30.61, 12.04
CIE _{LCh}	47, 32.893, 158.532
Yxy	16.0195, 0.2733, 0.4116
Android (android.graphics.Color)	4281760858 (0xFF367C5A)
YUV	99.1940, -4.5326, -39.6351
Hunter-Lab	40.0243, -22.6103, 9.8526

Details

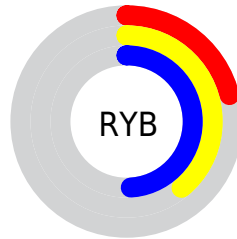
The CIELCh color **47, 32.893, 158.532** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 34.945, 350.526**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 32.799, 158.366**, and **27, 31.375, 156.954** is the 20% darker color. If you saturate the color by 10%, you get **46, 37.800, 157.026**, and if you desaturate by 10%, it is **48, 27.564, 159.867**.

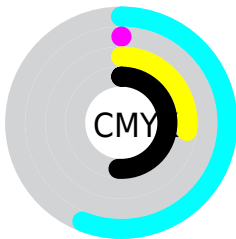
Distribution



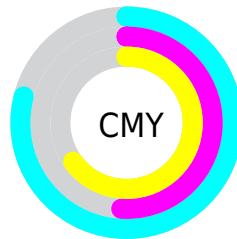
- Red (21%)
- Green (49%)
- Blue (35%)



- Red (21%)
- Yellow (39%)
- Blue (49%)



- Cyan (56%)
- Magenta (0%)
- Yellow (27%)
- Black (51%)





- Cyan (79%)
- Magenta (51%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 32.893, 158.532 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 47, 32.893, 158.532 by changing the saturation by 10% instead.


 47, 32.893,
158.532


 47, 32.893,
158.532


 100, 32.893,
158.532


 37, 32.893,
158.532

 67, 32.893,
158.532


 27, 32.893,
158.532

 77, 32.893,
158.532

 17, 32.893,
158.532

 87, 32.893,
158.532

 7, 32.893, 158.532

 97, 32.893,
158.532

 0, 32.893, 158.532

 47, 32.893,

 47, 32.893,

158.532

■ 46, 37.800,
157.026

■ 46, 42.209,
155.332

■ 46, 46.077,
153.441

■ 46, 49.454,
151.408

■ 45, 50.664,
150.707

158.532

■ 48, 27.564,
159.867

■ 48, 21.904,
161.055

■ 49, 16.006,
162.117

■ 50, 9.964, 163.076

■ 51, 3.856, 163.980

■ 53, 2.249, 344.558

■ 54, 8.299, 345.370

■ 55, 14.255,
346.048

■ 57, 20.087,
346.671

Harmonies

Complementary

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



47, 32.893, 158.532



33, 34.945, 350.526

Rectangle

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



47, 32.893, 158.532



47, 32.893, 208.532



47, 32.893, 338.532



47, 32.893, 28.532

Sweetspot

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



47, 32.894, 158.531



64, 12.803, 162.977



48, 42.135, 126.614



33, 8.627, 162.828



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 32.894, 158.531



59, 47.375, 156.491



48, 22.732, 197.049



25, 3.397, 163.731



46, 50.875, 150.694



88, 87.955, 149.375

Inverse Universe

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



33, 34.945, 350.526



40, 50.143, 352.952



32, 33.858, 26.004



24, 3.440, 345.089



26, 49.986, 1.730



54, 83.864, 4.282

Previews

White Background



This preview shows how the CIELCh color 47, 32.893, 158.532 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 47, 32.893, 158.532 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 47, 32.893, 158.532

Background



This preview shows how black text looks on a background with the CIELCh color 47, 32.893, 158.532.



This preview shows how white text looks on a background with the CIELCh color 47, 32.893, 158.532.

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
47, 32.893, 158.532

Protanopia
47, 16.260, 95.281

Deuteranopia
47, 11.728, 60.677



Tritanopia
47, 18.388, 216.628

Trichromacy



Original Color
47, 32.893, 158.532

Protanomaly
46, 19.786, 134.591

Deuteranomaly
46, 12.874, 131.760

Tritanomaly
47, 20.991, 187.317

Monochromacy



Original Color
47, 32.893, 158.532

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 12.511, 162.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 32.893, 158.532 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(54, 124, 90)` looks like.

```
.text, #text, p{  
    color:rgb(54, 124, 90)  
}
```

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(54, 124, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 124, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 32.893, 158.532 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(54, 124, 90) }
```

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

```
.border{ border-color:rgb(54, 124, 90) }
```

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

Here you see how a box with a 4 pixel rgb(54, 124, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 124, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 124, 90);  
box-shadow:4px 4px 4px 4px rgb(54, 124,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 32.893, 158.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 124, 90) }
```

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

```
.background{ background-color: rgb(54, 124,  
90) }
```

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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