

Converting Colors

CIELCh(47, 32.408, 152.637)

Have a look what the booklet for
CIELCh(47, 32.408, 152.637)
contains.

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Color

CIELCh(47, 32.408, 152.637)

Conversions

Conversions Part 1

Format	Color
Hex	3F7B55
RGB	63, 123, 85
RGB Percent	25%, 48%, 33%
CMY	0.7511, 0.5158, 0.6649
CMYK	0.49, 0.00, 0.31, 0.52
HSL	142°, 32%, 37%
HSV	142°, 49%, 48%
XYZ	10.8796, 16.0195, 11.2057
YIQ	100.7280, -23.5620, -24.5380

Conversions

Conversions Part 2

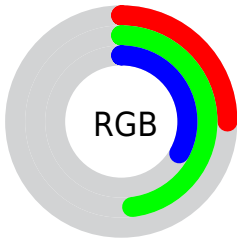
Format	Color
RYB	63, 107, 123
Decimal	4160341
CIELab	47.00, -28.78, 14.90
CIELCh	47, 32.408, 152.637
Yxy	16.0195, 0.2855, 0.4204
Android (android.graphics.Color)	4282350421 (0xFF3F7B55)
YUV	100.7280, -7.7539, -33.0875
Hunter-Lab	40.0243, -21.5219, 11.4175

Details

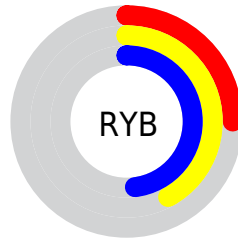
The CIELCh color $47, 32.408, 152.637$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $36, 33.051, 341.062$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 32.468, 152.896$, and $27, 32.510, 152.864$ is the 20% darker color. If you saturate the color by 10%, you get $46, 38.455, 151.317$, and if you desaturate by 10%, it is $48, 26.014, 153.796$.

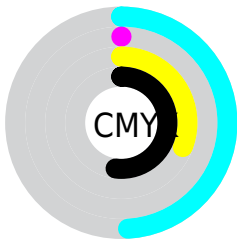
Distribution



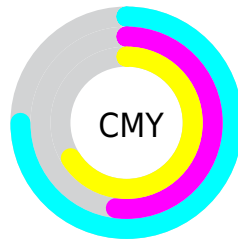
- Red (25%)
- Green (48%)
- Blue (33%)



- Red (25%)
- Yellow (42%)
- Blue (48%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (52%)




- Cyan (75%)
- Magenta (52%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 32.408, 152.637 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, 32.408, 152.637 by changing the saturation by 10% instead.


 47, 32.408,
152.637


 47, 32.408,
152.637


 100, 32.408,
152.637


 37, 32.408,
152.637

 67, 32.408,
152.637


 27, 32.408,
152.637

 77, 32.408,
152.637

 17, 32.408,
152.637

 87, 32.408,
152.637

 7, 32.408, 152.637

 97, 32.408,
152.637

 0, 32.408, 152.637

 47, 32.408,

 47, 32.408,

152.637

152.637

■ 46, 38.455,
151.317

■ 48, 26.014,
153.796

■ 46, 44.042,
149.821

■ 49, 19.383,
154.814

■ 45, 49.075,
148.141

■ 50, 12.621,
155.714

■ 45, 53.488,
146.289

■ 51, 5.818, 156.526

■ 45, 57.365,
144.407

■ 52, 0.951, 336.919

■ 53, 7.630, 337.779

■ 45, 57.891,
144.169

■ 55, 14.177,
338.361

■ 56, 20.563,
338.880

■ 58, 26.771,

Harmonies

Complementary

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



47, 32.408, 152.637



36, 33.051, 341.062

Rectangle

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



47, 32.408, 152.637



47, 32.408, 202.637



47, 32.408, 332.637



47, 32.408, 22.637

Sweetspot

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



47, 32.409, 152.637



64, 12.620, 155.983



49, 35.224, 121.203



33, 8.680, 155.839



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, 32.409, 152.637



59, 47.135, 151.203



48, 21.911, 182.939



25, 3.786, 156.489



45, 58.424, 144.140



87, 101.064, 142.922

Inverse Universe

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



36, 33.051, 341.062



43, 47.809, 342.244



35, 27.710, 13.266



24, 3.811, 337.681



27, 52.701, 349.074



55, 87.835, 350.631

Previews

White Background



This preview shows how the CIELCh color 47, 32.408, 152.637 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, 32.408, 152.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

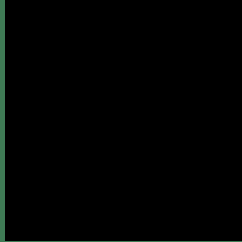
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 32.408, 152.637

Background



This preview shows how black text looks on a background with the CIELCh color 47, 32.408, 152.637.



This preview shows how white text looks on a background with the CIELCh color 47, 32.408, 152.637.

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, 32.408, 152.637

Protanopia
47, 18.538, 96.419

Deuteranopia
47, 14.572, 66.392



Tritanopia
47, 16.067, 219.727

Trichromacy



Original Color
47, 32.408, 152.637

Protanomaly
47, 21.205, 127.777

Deuteranomaly
46, 15.099, 121.378

Tritanomaly
47, 18.711, 184.479

Monochromacy



Original Color
47, 32.408, 152.637

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 12.389, 155.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 32.408, 152.637 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(63, 123, 85)` looks like.

```
.text, #text, p{  
    color:rgb(63, 123, 85)  
}
```

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(63, 123, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 123, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 32.408, 152.637 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(63, 123, 85) }
```

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

```
.border{ border-color:rgb(63, 123, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 123, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 123, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 123, 85);  
box-shadow:4px 4px 4px 4px rgb(63, 123,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 32.408, 152.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 123, 85) }
```

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

```
.background{ background-color: rgb(63, 123,  
85) }
```

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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