

Converting Colors

CIELCh(47, 25.881, 144.493)

Have a look what the booklet for
CIELCh(47, 25.881, 144.493)
contains.

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Color

CIELCh(47, 25.918, 144.473)

Conversions

Conversions Part 1

Format	Color
Hex	527855
RGB	82, 120, 85
RGB Percent	32%, 47%, 33%
CMY	0.6767, 0.5276, 0.6650
CMYK	0.32, 0.00, 0.29, 0.53
HSL	125°, 19%, 40%
HSV	125°, 32%, 47%
XYZ	11.9464, 16.0195, 11.1466
YIQ	104.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

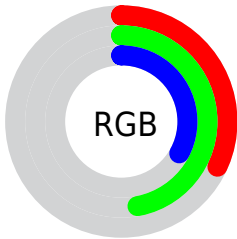
Format	Color
R_{YB}	82, 117, 120
Decimal	5404757
CIE _{Lab}	47.00, -21.09, 15.06
CIE _{LCh}	47, 25.918, 144.473
Yxy	16.0195, 0.3054, 0.4096
Android (android.graphics.Color)	4283594837 (0xFF527855)
YUV	104.6480, -9.6865, -19.8623
Hunter-Lab	40.0243, -16.7642, 11.5050

Details

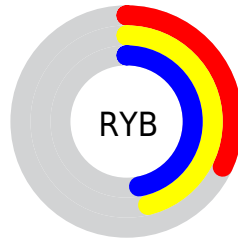
The CIELCh color $47, 25.918, 144.473$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $40, 25.933, 328.357$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 26.062, 144.291$, and $27, 25.496, 144.714$ is the 20% darker color. If you saturate the color by 10%, you get $46, 33.939, 143.548$, and if you desaturate by 10%, it is $48, 17.716, 145.278$.

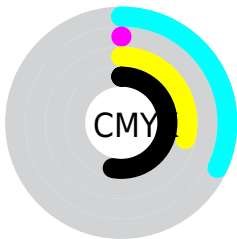
Distribution



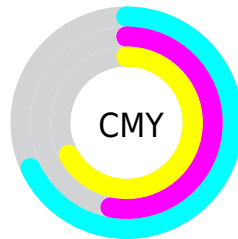
- Red (32%)
- Green (47%)
- Blue (33%)



- Red (32%)
- Yellow (46%)
- Blue (47%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (53%)





- Cyan (68%)
- Magenta (53%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 25.918, 144.473 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, 25.918, 144.473 by changing the saturation by 10% instead.


 47, 25.918,
144.473


 47, 25.918,
144.473


 100, 25.918,
144.473


 37, 25.918,
144.473

 67, 25.918,
144.473


 27, 25.918,
144.473

 77, 25.918,
144.473

 17, 25.918,
144.473

 87, 25.918,
144.473

 7, 25.918, 144.473

 97, 25.918,
144.473

 0, 25.918, 144.473

 47, 25.918,

 47, 25.918,

144.473

144.473

■ 46, 33.939,
143.548

■ 48, 17.716,
145.278

■ 45, 41.610,
142.499

■ 49, 9.463, 145.978

■ 45, 48.735,
141.337

■ 50, 1.265, 146.702

■ 52, 6.803, 327.031

■ 44, 55.092,
140.099

■ 53, 14.690,
327.484

■ 44, 60.440,
138.854

■ 55, 22.360,
327.865

■ 44, 64.545,
137.705

■ 56, 29.796,
328.193

■ 44, 67.063,
137.060

■ 58, 36.990,
328.478

■ 60, 43.941,

Harmonies

Complementary

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



47, 25.918, 144.473



40, 25.933, 328.357

Rectangle

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



47, 25.918, 144.473



47, 25.918, 194.473



47, 25.918, 324.473



47, 25.918, 14.473

Sweetspot

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



47, 25.919, 144.473



63, 9.067, 146.131



50, 21.950, 110.197



33, 6.355, 146.052



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 25.919, 144.473



59, 38.332, 143.805



47, 17.887, 164.505



25, 4.663, 146.139



45, 68.918, 137.018



87, 117.453, 136.509

Inverse Universe

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



40, 25.933, 328.357



49, 38.300, 328.757



40, 18.828, 350.428



24, 4.672, 327.103



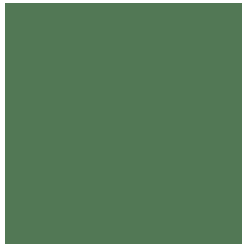
28, 64.183, 331.513



59, 107.696, 331.706

Previews

White Background



This preview shows how the CIELCh color 47, 25.918, 144.473 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 CIELCh color 47, 25.918, 144.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

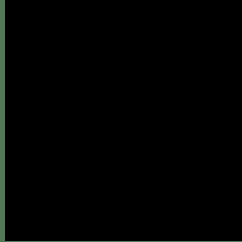
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 25.918, 144.473

Background



This preview shows how black text looks on a background with the CIELCh color 47, 25.918, 144.473.



This preview shows how white text looks on a background with the CIELCh color 47, 25.918, 144.473.

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, 25.918, 144.473

Protanopia
47, 17.969, 96.170

Deuteranopia
47, 15.033, 67.754



Tritanopia
47, 10.760, 232.166

Trichromacy



Original Color
47, 25.918, 144.473

Protanomaly
47, 18.472, 118.615

Deuteranomaly
47, 14.675, 108.134

Tritanomaly
47, 12.183, 181.028

Monochromacy



Original Color
47, 25.918, 144.473

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 9.706, 145.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 25.918, 144.473 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(82, 120, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 120, 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(82, 120, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 120, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 25.918, 144.473 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(82, 120, 85) }
```

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

```
.border{ border-color:rgb(82, 120, 85) }
```

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

Here you see how a box with a 4 pixel rgb(82, 120, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 120, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 120, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 120,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 25.918, 144.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 120, 85) }
```

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

```
.background{ background-color: rgb(82, 120,  
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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