

Converting Colors

CIELCh(47, 26.954, 125.754)

Have a look what the booklet for
CIELCh(47, 26.954, 125.754)
contains.

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Color

CIELCh(47, 26.954, 125.754)

Conversions

Conversions Part 1

Format	Color
Hex	62764A
RGB	98, 118, 74
RGB Percent	38%, 46%, 29%
CMY	0.6160, 0.5376, 0.7101
CMYK	0.17, 0.00, 0.37, 0.54
HSL	87°, 23%, 38%
HSV	87°, 37%, 46%
XYZ	12.7275, 16.0195, 8.8844
YIQ	107.0040, 2.2040, -17.9240

Conversions

Conversions Part 2

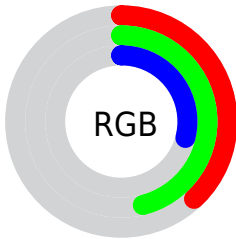
Format	Color
RYB	74, 118, 94
Decimal	6452810
CIELab	47.00, -15.75, 21.87
CIElCh	47, 26.954, 125.754
Yxy	16.0195, 0.3382, 0.4257
Android (android.graphics.Color)	4284642890 (0xFF62764A)
YUV	107.0040, -16.2710, -7.8965
Hunter-Lab	40.0243, -13.2807, 14.8561

Details

The CIELCh color $47, 26.954, 125.754$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $35, 28.510, 309.351$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 27.000, 125.879$, and $27, 27.261, 126.247$ is the 20% darker color. If you saturate the color by 10%, you get $46, 33.901, 125.314$, and if you desaturate by 10%, it is $48, 19.817, 126.226$.

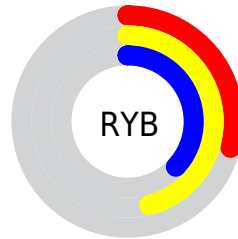
Distribution



Red (38%)

Green (46%)

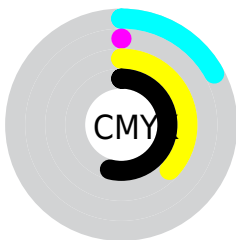
Blue (29%)



Red (29%)

Yellow (46%)

Blue (37%)

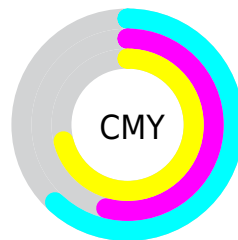


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (54%)



Cyan (62%)


Magenta (54%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 26.954, 125.754 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, 26.954, 125.754 by changing the saturation by 10% instead.


 47, 26.954,
125.754


 47, 26.954,
125.754


 100, 26.954,
125.754


 37, 26.954,
125.754

 67, 26.954,
125.754


 27, 26.954,
125.754

 77, 26.954,
125.754

 17, 26.954,
125.754

 87, 26.954,
125.754

 7, 26.954, 125.754

 97, 26.954,
125.754

 0, 26.954, 125.754

 47, 26.954,

 47, 26.954,

125.754

■ 46, 33.901,
125.314

■ 46, 40.523,
124.944

■ 45, 46.633,
124.711

■ 45, 51.980,
124.705

■ 45, 56.277,
125.037

■ 44, 59.553,
125.672

■ 44, 60.432,
125.810

125.754

■ 48, 19.817,
126.226

■ 48, 12.579,
126.700

■ 49, 5.307, 127.163

■ 50, 1.955, 307.544

■ 51, 9.172, 307.973

■ 52, 16.320,
308.345

■ 52, 23.383,
308.683

■ 53, 30.348,
308.989

■ 54, 37.206,

Harmonies

Complementary

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



47, 26.954, 125.754



35, 28.510, 309.351

Rectangle

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



47, 26.954, 125.754



47, 26.954, 175.754



47, 26.954, 305.754



47, 26.954, 355.754

Sweetspot

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



47, 26.955, 125.756



62, 9.890, 126.980



42, 16.555, 65.745



32, 6.606, 126.933



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 26.955, 125.756



59, 39.961, 125.363



46, 31.189, 140.691



24, 4.069, 127.084



46, 62.108, 125.875



89, 106.147, 126.771

Inverse Universe

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



35, 28.510, 309.351



42, 42.919, 309.857



38, 31.264, 324.894



23, 4.126, 307.859



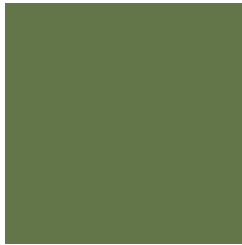
17, 72.897, 311.312



39, 124.355, 310.708

Previews

White Background



This preview shows how the CIELCh color 47, 26.954, 125.754 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, 26.954, 125.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

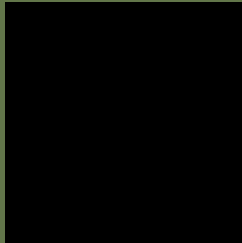
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.954, 125.754

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.954, 125.754.



This preview shows how white text looks on a background with the CIELCh color 47, 26.954, 125.754.

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, 26.954, 125.754

Protanopia

47, 23.803, 95.741

Deuteranopia

47, 21.876, 72.903



Tritanopia
47, 5.924, 263.639

Trichromacy



Original Color
47, 26.954, 125.754

Protanomaly
47, 24.359, 107.875

Deuteranomaly
47, 21.032, 94.740

Tritanomaly
47, 7.731, 148.779

Monochromacy



Original Color
47, 26.954, 125.754

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 9.929, 126.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.954, 125.754 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(98, 118, 74)` looks like.

```
.text, #text, p{  
    color:rgb(98, 118, 74)  
}
```

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(98, 118, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 118, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.954, 125.754 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(98, 118, 74) }
```

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

```
.border{ border-color:rgb(98, 118, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 118, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 118, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 118, 74);  
box-shadow:4px 4px 4px 4px rgb(98, 118,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.954, 125.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 118, 74) }
```

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

```
.background{ background-color: rgb(98, 118,  
74) }
```

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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