

Converting Colors

CIELCh(47, 35.243, 120.571)

Have a look what the booklet for
CIELCh(47, 35.243, 120.571)
contains.

CIELCh(47, 35.381, 121.133)	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(47, 35.381, 121.133)

Conversions

Conversions Part 1

Format	Color
Hex	62773B
RGB	98, 119, 59
RGB Percent	38%, 47%, 23%
CMY	0.6168, 0.5344, 0.7697
CMYK	0.18, 0.00, 0.51, 0.53
HSL	81°, 34%, 35%
HSV	81°, 51%, 47%
XYZ	12.3516, 16.0195, 6.5426
YIQ	105.8810, 6.7440, -23.1120

Conversions

Conversions Part 2

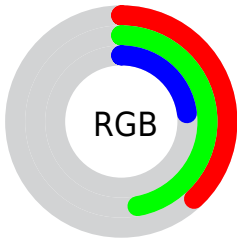
Format	Color
RYB	59, 119, 80
Decimal	6453051
CIELab	47.00, -18.29, 30.29
CIElCh	47, 35.381, 121.133
Yxy	16.0195, 0.3538, 0.4588
Android (android.graphics.Color)	4284643131 (0xFF62773B)
YUV	105.8810, -23.1123, -6.9116
Hunter-Lab	40.0243, -14.9571, 18.3252

Details

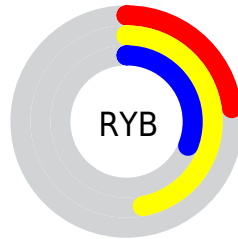
The CIELCh color $47, 35.381, 121.133$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30, 39.011, 306.929$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 35.099, 121.047$, and $27, 35.872, 121.525$ is the 20% darker color. If you saturate the color by 10%, you get $47, 41.690, 120.771$, and if you desaturate by 10%, it is $47, 28.685, 121.595$.

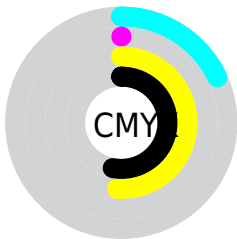
Distribution



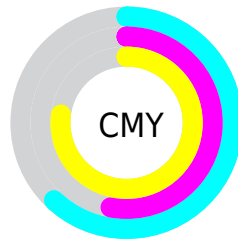
- Red (38%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (31%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)





- Cyan (62%)
- Magenta (53%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 35.381, 121.133 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, 35.381, 121.133 by changing the saturation by 10% instead.


 47, 35.381,
121.133


 47, 35.381,
121.133


 100, 35.381,
121.133


 37, 35.381,
121.133

 67, 35.381,
121.133


 27, 35.381,
121.133

 77, 35.381,
121.133

 17, 35.381,
121.133

 87, 35.381,
121.133

 7, 35.381, 121.133

 97, 35.381,
121.133

 0, 35.381, 121.133

 47, 35.381,

 47, 35.381,

121.133

■ 47, 41.690,
120.771

■ 46, 47.401,
120.573

■ 46, 52.244,
120.633

■ 46, 55.932,
121.054

■ 45, 58.760,
121.615

121.133

■ 47, 28.685,
121.595

■ 48, 21.748,
122.103

■ 49, 14.673,
122.628

■ 49, 7.530, 123.150

■ 50, 0.369, 123.769

■ 51, 6.775, 304.116

■ 51, 13.879,
304.567

■ 52, 20.922,
304.985

■ 53, 27.891,

Harmonies

Complementary

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



47, 35.381, 121.133



30, 39.011, 306.929

Rectangle

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



47, 35.381, 121.133



47, 35.381, 171.133



47, 35.381, 301.133



47, 35.381, 351.133

Sweetspot

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



47, 35.382, 121.135



63, 13.388, 122.897



38, 23.416, 54.099



33, 9.204, 122.808



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, 35.382, 121.135



60, 52.199, 120.715



45, 40.691, 137.265



24, 3.987, 123.228



47, 60.081, 121.664



90, 102.476, 122.504

Inverse Universe

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



30, 39.011, 306.929



34, 59.267, 307.840



33, 41.182, 322.407



22, 4.052, 304.132



15, 74.429, 309.397



36, 127.022, 308.854

Previews

White Background



This preview shows how the CIELCh color 47, 35.381, 121.133 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, 35.381, 121.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

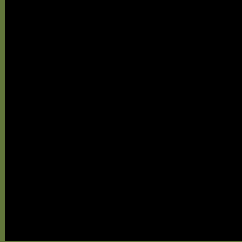
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 35.381, 121.133

Background



This preview shows how black text looks on a background with the CIELCh color 47, 35.381, 121.133.



This preview shows how white text looks on a background with the CIELCh color 47, 35.381, 121.133.

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, 35.381, 121.133

Protanopia
47, 32.162, 95.539

Deuteranopia
47, 29.756, 77.832



Tritanopia
47, 5.767, 267.065

Trichromacy



Original Color
47, 35.381, 121.133

Protanomaly
47, 32.551, 105.664

Deuteranomaly
47, 29.399, 95.983

Tritanomaly
47, 10.527, 134.766

Monochromacy



Original Color
47, 35.381, 121.133

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 13.444, 123.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 35.381, 121.133 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, 119, 59)` looks like.

```
.text, #text, p{  
    color:rgb(98, 119, 59)  
}
```

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, 119, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 119, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 35.381, 121.133 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, 119, 59) }
```

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

```
.border{ border-color:rgb(98, 119, 59) }
```

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

Here you see how a box with a 4 pixel rgb(98, 119, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 119, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 119, 59);  
box-shadow:4px 4px 4px 4px rgb(98, 119,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 35.381, 121.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 119, 59) }
```

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

```
.background{ background-color: rgb(98, 119,  
59) }
```

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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