

Converting Colors

CIELCh(47, 35.618, 120.543)

Have a look what the booklet for
CIELCh(47, 35.618, 120.543)
contains.

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Color

CIELCh(47, 35.885, 120.865)

Conversions

Conversions Part 1

Format	Color
Hex	62773A
RGB	98, 119, 58
RGB Percent	38%, 47%, 23%
CMY	0.6167, 0.5343, 0.7735
CMYK	0.18, 0.00, 0.51, 0.53
HSL	81°, 35%, 35%
HSV	81°, 51%, 47%
XYZ	12.3345, 16.0195, 6.4137
YIQ	105.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

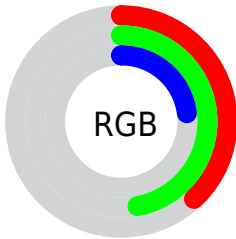
Format	Color
RYB	58, 119, 79
Decimal	6453050
CIELab	47.00, -18.41, 30.80
CIElCh	47, 35.885, 120.865
Yxy	16.0195, 0.3548, 0.4608
Android (android.graphics.Color)	4284643130 (0xFF62773A)
YUV	105.7670, -23.5491, -6.8117
Hunter-Lab	40.0243, -15.0333, 18.5161

Details

The CIELCh color $47, 35.885, 120.865$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $29, 39.682, 306.820$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 35.603, 120.807$, and $27, 36.238, 121.290$ is the 20% darker color. If you saturate the color by 10%, you get $47, 42.144, 120.511$, and if you desaturate by 10%, it is $47, 29.223, 121.324$.

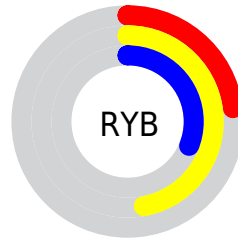
Distribution



Red (38%)

Green (47%)

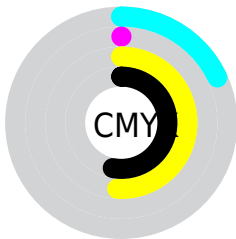
Blue (23%)



Red (23%)

Yellow (47%)

Blue (31%)

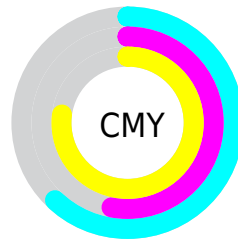


Cyan (18%)

Magenta (0%)

Yellow (51%)

Black (53%)



Cyan (62%)


Magenta (53%)

Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 35.885, 120.865 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, 35.885, 120.865 by changing the saturation by 10% instead.


 47, 35.885,
120.865


 47, 35.885,
120.865


 100, 35.885,
120.865


 37, 35.885,
120.865

 67, 35.885,
120.865


 27, 35.885,
120.865

 77, 35.885,
120.865

 17, 35.885,
120.865

 87, 35.885,
120.865

 7, 35.885, 120.865

 97, 35.885,
120.865

 0, 35.885, 120.865

 47, 35.885,

 47, 35.885,

120.865

■ 47, 42.144,
120.511

■ 46, 47.784,
120.327

■ 46, 52.530,
120.409

■ 46, 56.099,
120.859

■ 45, 58.668,
121.361

120.865

■ 47, 29.223,
121.324

■ 48, 22.310,
121.833

■ 49, 15.250,
122.362

■ 49, 8.118, 122.889

■ 50, 0.962, 123.437

■ 51, 6.180, 303.868

■ 51, 13.284,
304.326

■ 52, 20.330,
304.751

■ 53, 27.304,

Harmonies

Complementary

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



47, 35.885, 120.865



29, 39.682, 306.820

Rectangle

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



47, 35.885, 120.865



47, 35.885, 170.865



47, 35.885, 300.865



47, 35.885, 350.865

Sweetspot

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



47, 35.886, 120.867



63, 13.375, 122.677



37, 23.962, 52.379



33, 9.194, 122.587



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, 35.886, 120.867



60, 52.864, 120.452



45, 41.120, 136.800



24, 3.983, 123.010



47, 59.975, 121.409



90, 102.282, 122.243

Inverse Universe

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



29, 39.682, 306.820



34, 60.259, 307.760



33, 41.711, 321.921



22, 4.049, 303.923



15, 74.509, 309.306



36, 127.160, 308.768

Previews

White Background



This preview shows how the CIELCh color 47, 35.885, 120.865 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, 35.885, 120.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

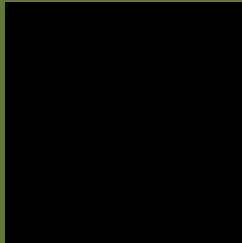
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 35.885, 120.865

Background



This preview shows how black text looks on a background with the CIELCh color 47, 35.885, 120.865.



This preview shows how white text looks on a background with the CIELCh color 47, 35.885, 120.865.

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, 35.885, 120.865

Protanopia
47, 32.688, 95.614

Deuteranopia
47, 30.262, 78.220



Tritanopia
47, 5.767, 267.065

Trichromacy



Original Color
47, 35.885, 120.865

Protanomaly
47, 33.078, 105.591

Deuteranomaly
47, 29.938, 96.072

Tritanomaly
47, 10.527, 134.766

Monochromacy



Original Color
47, 35.885, 120.865

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 14.011, 122.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 35.885, 120.865 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(98, 119, 58)  
}
```

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, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 119, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 35.885, 120.865 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, 58) }
```

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

```
.border{ border-color:rgb(98, 119, 58) }
```

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, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 119, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 119, 58);  
box-shadow:4px 4px 4px 4px rgb(98, 119,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 35.885, 120.865 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, 58) }
```

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

```
.background{ background-color: rgb(98, 119,  
58) }
```

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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