

Converting Colors

CIELCh(47, 21.543, 295.151)

Have a look what the booklet for
CIELCh(47, 21.543, 295.151)
contains.

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Color

CIELCh(47, 21.374, 294.928)

Conversions

Conversions Part 1

Format	Color
Hex	6E6C90
RGB	110, 108, 144
RGB Percent	43%, 42%, 56%
CMY	0.5691, 0.5769, 0.4358
CMYK	0.24, 0.25, 0.00, 0.44
HSL	243°, 14%, 49%
HSV	243°, 25%, 56%
XYZ	16.7922, 16.0195, 28.5453
YIQ	112.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

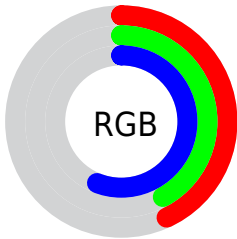
Format	Color
R _Y B	110, 108, 144
Decimal	7236752
CIE Lab	47.00, 9.01, -19.38
CIE LCh	47, 21.374, 294.928
Yxy	16.0195, 0.2737, 0.2611
Android (android.graphics.Color)	4285426832 (0xFF6E6C90)
YUV	112.7020, 15.4299, -2.3697
Hunter-Lab	40.0243, 4.8471, -14.2686

Details

The CIELCh color $47, 21.374, 294.928$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 20.188, 110.221$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 21.639, 295.115$, and $27, 20.854, 294.168$ is the 20% darker color. If you saturate the color by 10%, you get $42, 30.532, 296.258$, and if you desaturate by 10%, it is $52, 12.576, 293.783$.

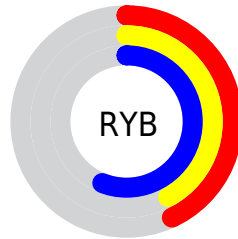
Distribution



Red (43%)

Green (42%)

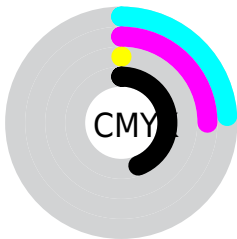
Blue (56%)



Red (43%)

Yellow (42%)

Blue (56%)

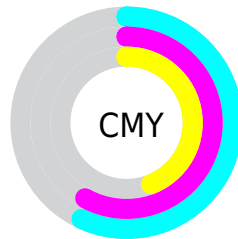


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (57%)


Magenta (58%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 21.374, 294.928 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, 21.374, 294.928 by changing the saturation by 10% instead.


 47, 21.374,
294.928


 47, 21.374,
294.928


 100, 21.374,
294.928


 37, 21.374,
294.928

 67, 21.374,
294.928


 27, 21.374,
294.928

 77, 21.374,
294.928

 17, 21.374,
294.928

 87, 21.374,
294.928

 7, 21.374, 294.928

 97, 21.374,
294.928

 0, 21.374, 294.928

 47, 21.374,

 47, 21.374,

294.928

■ 42, 30.532,
296.258

■ 37, 40.056,
297.785

■ 32, 49.892,
299.500

■ 27, 59.870,
301.347

■ 23, 69.557,
303.193

■ 19, 78.100,
304.813

■ 17, 84.331,
305.942

■ 16, 87.062,
306.508

294.928

■ 52, 12.576,
293.783

■ 57, 4.124, 292.807

■ 62, 4.008, 111.951


■ 67, 11.841,
111.238

■ 72, 19.396,
110.622

■ 77, 26.693,
110.092

■ 82, 33.748,
109.633

■ 87, 40.578,
109.236

 92, 47.197,
108.891

Harmonies

Complementary

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



47, 21.374, 294.928



59, 20.188, 110.221

Rectangle

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



47, 21.374, 294.928



47, 21.374, 344.928



47, 21.374, 114.928



47, 21.374, 164.928

Sweetspot

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



47, 21.373, 294.927



71, 8.161, 293.097



57, 12.418, 203.035



36, 5.861, 293.230



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



47, 21.373, 294.927



57, 31.988, 295.649



49, 22.545, 311.894



27, 4.648, 293.193



14, 83.166, 306.525



0, 3.089, 292.361

Inverse Universe

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



50, 24.187, 327.325



62, 35.743, 327.632



57, 21.888, 129.704



28, 5.400, 326.440



31, 69.110, 330.507



1, 3.627, 325.961

Previews

White Background



This preview shows how the CIELCh color 47, 21.374, 294.928 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, 21.374, 294.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

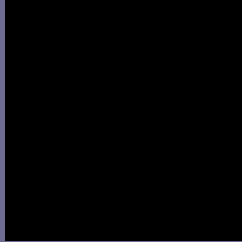
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 21.374, 294.928

Background



This preview shows how black text looks on a background with the CIELCh color 47, 21.374, 294.928.



This preview shows how white text looks on a background with the CIELCh color 47, 21.374, 294.928.

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, 21.374, 294.928

Protanopia

47, 20.828, 285.225

Deuteranopia

47, 20.754, 289.041



Tritanopia
47, 5.767, 267.065

Trichromacy



Original Color
47, 21.374, 294.928

Protanomaly
47, 21.342, 289.238

Deuteranomaly
47, 20.732, 290.973

Tritanomaly
47, 10.729, 283.525

Monochromacy



Original Color
47, 21.374, 294.928

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 7.711, 294.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 21.374, 294.928 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(110, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 144)  
}
```

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(110, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 21.374, 294.928 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(110, 108, 144) }
```

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

```
.border{ border-color:rgb(110, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 21.374, 294.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 144) }
```

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

```
.background{ background-color: rgb(110,  
108, 144) }
```

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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