

Converting Colors

CIELCh(47, 5.208, 275.849)

Have a look what the booklet for
CIELCh(47, 5.208, 275.849) contains.

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Color

CIELCh(47, 5.438, 278.439)

Conversions

Conversions Part 1

Format	Color
Hex	6C6F78
RGB	108, 111, 120
RGB Percent	42%, 44%, 47%
CMY	0.5751, 0.5633, 0.5280
CMYK	0.10, 0.07, 0.00, 0.53
HSL	225°, 5%, 45%
HSV	225°, 10%, 47%
XYZ	15.3606, 16.0195, 20.1643
YIQ	111.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

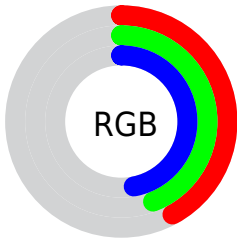
Format	Color
R _Y B	108, 110, 120
Decimal	7106424
CIE Lab	47.00, 0.80, -5.38
CIE LCh	47, 5.438, 278.439
Yxy	16.0195, 0.2980, 0.3108
Android (android.graphics.Color)	4285296504 (0xFF6C6F78)
YUV	111.1290, 4.3734, -2.7441
Hunter-Lab	40.0243, -1.5373, -1.8533

Details

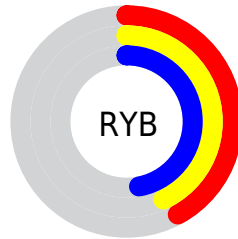
The CIELCh color $47, 5.438, 278.439$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 5.395, 96.081$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 5.164, 274.103$, and $27, 5.914, 283.145$ is the 20% darker color. If you saturate the color by 10%, you get $43, 11.011, 279.789$, and if you desaturate by 10%, it is $51, 0.007, 78.929$.

Distribution



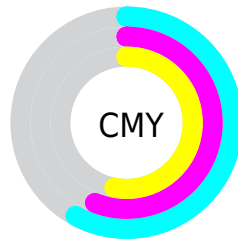
- Red (42%)
- Green (44%)
- Blue (47%)



- Red (42%)
- Yellow (43%)
- Blue (47%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 5.438, 278.439 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, 5.438, 278.439 by changing the saturation by 10% instead.

■ 47, 5.438, 278.439

■ 47, 5.438, 278.439

■ 100, 5.438,
278.439

■ 37, 5.438, 278.439

■ 67, 5.438, 278.439

■ 27, 5.438, 278.439

■ 77, 5.438, 278.439

■ 17, 5.438, 278.439

■ 87, 5.438, 278.439

■ 7, 5.438, 278.439

■ 97, 5.438, 278.439

■ 0, 5.438, 278.439

■ 47, 5.438, 278.439

■ 47, 5.438, 278.439

■ 43, 11.011,
279.789

■ 51, 0.007, 78.929

■ 40, 16.725,

■ 54, 5.326, 96.168

281.375

58, 10.527, 95.282

36, 22.591,
283.218

61, 15.611, 94.497

33, 28.624,
285.350

65, 20.584, 93.803

29, 34.844,
287.789

68, 25.448, 93.186

26, 41.259,
290.527

72, 30.206, 92.635

23, 47.846,
293.505

75, 34.862, 92.139

20, 54.496,
296.598

78, 39.420, 91.691

17, 61.006,
299.421

Harmonies

Complementary

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



47, 5.438, 278.439



49, 5.395, 96.081

Rectangle

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



47, 5.438, 278.439



47, 5.438, 328.439



47, 5.438, 98.439



47, 5.438, 148.439

Sweetspot

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



47, 5.437, 278.430



63, 2.006, 277.647



50, 5.145, 177.502



33, 1.533, 277.716



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, 5.437, 278.430



59, 8.089, 278.725



46, 7.237, 299.909



24, 3.110, 278.319



18, 62.928, 299.553



39, 111.460, 301.174

Inverse Universe

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



47, 5.267, 0.355



59, 7.856, 0.596



50, 7.092, 118.669



24, 3.009, 0.262



25, 52.369, 23.368



53, 90.162, 26.659

Previews

White Background



This preview shows how the CIELCh color 47, 5.438, 278.439 looks on a white background.

Color Contrast Check

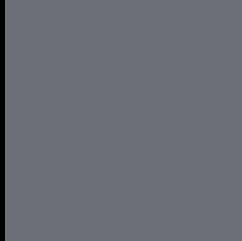
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.438, 278.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

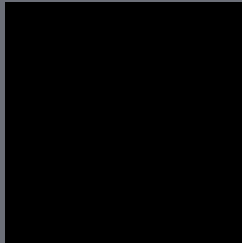
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 5.438, 278.439

Background



This preview shows how black text looks on a background with the CIELCh color 47, 5.438, 278.439.



This preview shows how white text looks on a background with the CIELCh color 47, 5.438, 278.439.

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, 5.438, 278.439

Protanopia

47, 5.330, 290.909

Deuteranopia

47, 8.714, 318.310



Tritanopia
47, 5.438, 278.439

Trichromacy



Original Color
47, 5.438, 278.439

Protanomaly
47, 5.338, 286.687

Deuteranomaly
47, 7.416, 306.565

Tritanomaly
47, 5.438, 278.439

Monochromacy



Original Color
47, 5.438, 278.439

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 1.819, 277.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 5.438, 278.439 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(108, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 111, 120)  
}
```

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(108, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 111, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 5.438, 278.439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

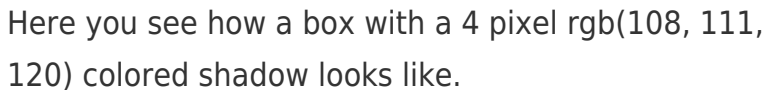
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 111, 120) }
```

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

```
.border{ border-color:rgb(108, 111, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 111,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 5.438, 278.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 111, 120) }
```

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

```
.background{ background-color: rgb(108,  
111, 120) }
```

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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