

Converting Colors

CIELCh(47, 28.536, 291.928)

Have a look what the booklet for
CIELCh(47, 28.536, 291.928)
contains.

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Color

CIELCh(47, 28.411, 291.876)

Conversions

Conversions Part 1

Format	Color
Hex	696C9C
RGB	105, 108, 156
RGB Percent	41%, 42%, 61%
CMY	0.5897, 0.5778, 0.3897
CMYK	0.33, 0.31, 0.00, 0.39
HSL	236°, 20%, 51%
HSV	236°, 33%, 61%
XYZ	17.0770, 16.0195, 33.4761
YIQ	112.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

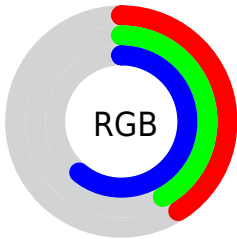
Format	Color
R _Y B	105, 108, 156
Decimal	6909084
CIE Lab	47.00, 10.59, -26.37
CIE LCh	47, 28.411, 291.876
Yxy	16.0195, 0.2565, 0.2406
Android (android.graphics.Color)	4285099164 (0xFF696C9C)
YUV	112.5750, 21.4085, -6.6433
Hunter-Lab	40.0243, 6.1173, -21.5728

Details

The CIELCh color $47, 28.411, 291.876$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 26.511, 104.432$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 28.757, 292.418$, and $27, 27.949, 291.374$ is the 20% darker color. If you saturate the color by 10%, you get $42, 37.834, 293.629$, and if you desaturate by 10%, it is $52, 19.357, 290.369$.

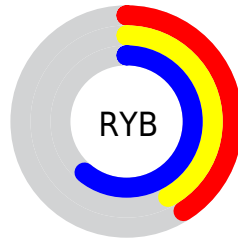
Distribution



Red (41%)

Green (42%)

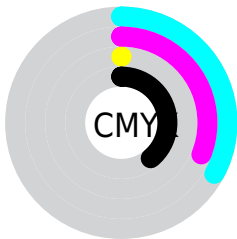
Blue (61%)



Red (41%)

Yellow (42%)

Blue (61%)

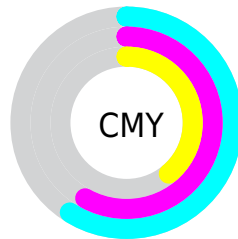


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (39%)



Cyan (59%)

Magenta (58%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 28.411, 291.876 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, 28.411, 291.876 by changing the saturation by 10% instead.

■ 47, 28.411,
291.876

■ 47, 28.411,
291.876

■ 100, 28.411,
291.876

■ 37, 28.411,
291.876

■ 67, 28.411,
291.876

■ 27, 28.411,
291.876

■ 77, 28.411,
291.876

■ 17, 28.411,
291.876

■ 87, 28.411,
291.876

■ 7, 28.411, 291.876

■ 97, 28.411,
291.876

■ 0, 28.411, 291.876

■ 47, 28.411,

■ 47, 28.411,

291.876

■ 42, 37.834,
293.629

■ 37, 47.627,
295.639

■ 32, 57.719,
297.877

■ 27, 67.867,
300.245

■ 23, 77.482,
302.543

■ 20, 85.501,
304.479

■ 18, 89.666,
305.417

291.876

■ 52, 19.357,
290.369

■ 58, 10.652,
289.085

■ 63, 2.269, 288.011

■ 68, 5.816, 107.027

■ 73, 13.625,
106.229

■ 78, 21.175,
105.536

■ 83, 28.485,
104.936

■ 88, 35.568,
104.413

■ 93, 42.438,
103.955

Harmonies

Complementary

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



47, 28.411, 291.876



62, 26.511, 104.432

Rectangle

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



47, 28.411, 291.876



47, 28.411, 341.876



47, 28.411, 111.876



47, 28.411, 161.876

Sweetspot

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



47, 28.410, 291.876



75, 10.254, 288.787



61, 18.069, 191.658



39, 7.068, 288.937



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



47, 28.410, 291.876



56, 42.324, 293.074



48, 31.199, 308.437



31, 4.751, 288.683



16, 83.923, 305.323



0, 6.143, 287.840

Inverse Universe

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



50, 21.913, 17.673



60, 32.865, 18.722



61, 29.614, 125.137



31, 3.541, 15.117



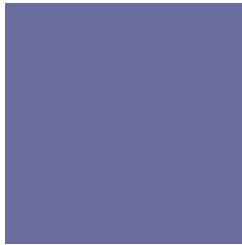
29, 65.103, 36.769



1, 4.492, 14.753

Previews

White Background



This preview shows how the CIELCh color 47, 28.411, 291.876 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, 28.411, 291.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

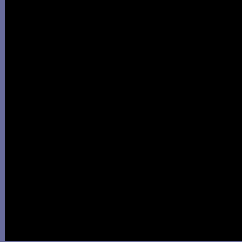
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 28.411, 291.876

Background



This preview shows how black text looks on a background with the CIELCh color 47, 28.411, 291.876.



This preview shows how white text looks on a background with the CIELCh color 47, 28.411, 291.876.

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

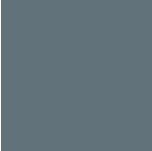
47, 28.411, 291.876

Protanopia

47, 27.967, 285.082

Deuteranopia

47, 26.814, 284.479



Tritanopia
47, 7.947, 241.184

Trichromacy



Original Color
47, 28.411, 291.876

Protanomaly
47, 27.881, 287.703

Deuteranomaly
47, 27.300, 287.474

Tritanomaly
47, 14.157, 274.092

Monochromacy



Original Color
47, 28.411, 291.876

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 10.668, 289.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 28.411, 291.876 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(105, 108, 156)` looks like.

```
.text, #text, p{  
    color:rgb(105, 108, 156)  
}
```

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(105, 108, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 108, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 28.411, 291.876 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(105, 108, 156) }
```

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

```
.border{ border-color:rgb(105, 108, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 108, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 108, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 108, 156);  
box-shadow:4px 4px 4px 4px rgb(105, 108,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 28.411, 291.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 108, 156) }
```

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

```
.background{ background-color: rgb(105,  
108, 156) }
```

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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