

Converting Colors

CIELCh(48, 26.498, 288.661)

Have a look what the booklet for
CIELCh(48, 26.498, 288.661)
contains.

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Color

CIELCh(48, 26.587, 288.559)

Conversions

Conversions Part 1

Format	Color
Hex	686F9C
RGB	104, 111, 156
RGB Percent	41%, 44%, 61%
CMY	0.5911, 0.5637, 0.3871
CMYK	0.33, 0.29, 0.00, 0.39
HSL	232°, 21%, 51%
HSV	232°, 33%, 61%
XYZ	17.4771, 16.7945, 33.8970
YIQ	114.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

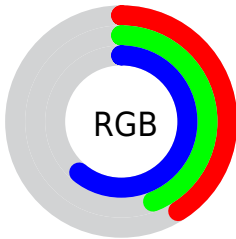
Format	Color
R _Y B	104, 110, 156
Decimal	6844316
CIE Lab	48.00, 8.46, -25.20
CIE LCh	48, 26.587, 288.559
Yxy	16.7945, 0.2564, 0.2464
Android (android.graphics.Color)	4285034396 (0xFF686F9C)
YUV	114.0370, 20.6878, -8.8024
Hunter-Lab	40.9810, 4.4078, -20.3543

Details

The CIELCh color $48, 26.587, 288.559$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 25.157, 100.489$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 26.481, 288.528$, and $28, 26.583, 287.994$ is the 20% darker color. If you saturate the color by 10%, you get $43, 35.208, 290.415$, and if you desaturate by 10%, it is $53, 18.276, 286.964$.

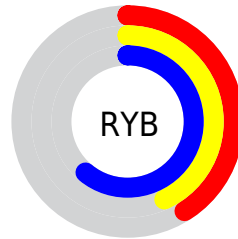
Distribution



Red (41%)

Green (44%)

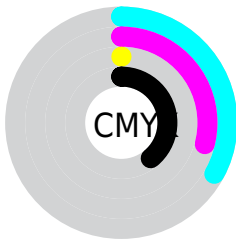
Blue (61%)



Red (41%)

Yellow (43%)

Blue (61%)

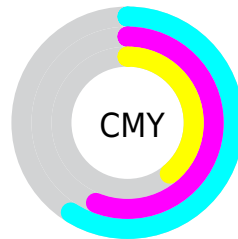


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (39%)



Cyan (59%)


Magenta (56%)

Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 26.587, 288.559 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 48, 26.587, 288.559 by changing the saturation by 10% instead.


 48, 26.587,
288.559


 48, 26.587,
288.559


 100, 26.587,
288.559


 38, 26.587,
288.559

 68, 26.587,
288.559


 28, 26.587,
288.559

 78, 26.587,
288.559

 18, 26.587,
288.559

 88, 26.587,
288.559

 8, 26.587, 288.559

 98, 26.587,
288.559

 0, 26.587, 288.559

 48, 26.587,

 48, 26.587,

288.559

■ 43, 35.208,
290.415

■ 38, 44.158,
292.552

■ 33, 53.420,
294.958

■ 29, 62.879,
297.566

■ 25, 72.208,
300.222

■ 22, 80.729,
302.680

■ 20, 85.563,
303.994

288.559

■ 53, 18.276,
286.964

■ 58, 10.255,
285.600

■ 63, 2.498, 284.460

■ 68, 5.013, 103.392

■ 73, 12.294,
102.535

■ 77, 19.359,
101.785

■ 82, 26.220,
101.129

■ 87, 32.889,
100.553

■ 92, 39.374,
100.045

Harmonies

Complementary

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



48, 26.587, 288.559



61, 25.157, 100.489

Rectangle

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



48, 26.587, 288.559



48, 26.587, 338.559



48, 26.587, 108.559



48, 26.587, 158.559

Sweetspot

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



48, 26.586, 288.559



76, 9.547, 285.223



61, 19.103, 184.305



39, 6.512, 285.379



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 26.586, 288.559



57, 40.242, 289.926



48, 31.518, 305.710



31, 4.380, 285.111



18, 79.650, 303.830



1, 5.697, 284.432

Inverse Universe

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



50, 22.355, 11.961



60, 33.957, 13.170



62, 29.637, 121.910



31, 3.585, 9.093



29, 62.297, 32.816



1, 4.560, 8.923

Previews

White Background



This preview shows how the CIELCh color 48, 26.587, 288.559 looks on a white background.

Color Contrast Check

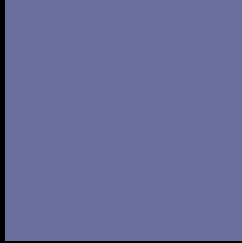
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 26.587, 288.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

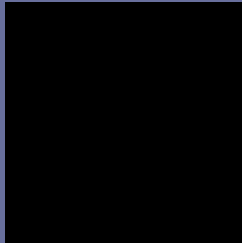
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 26.587, 288.559

Background



This preview shows how black text looks on a background with the CIELCh color 48, 26.587, 288.559.



This preview shows how white text looks on a background with the CIELCh color 48, 26.587, 288.559.

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

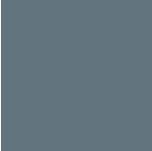
48, 26.587, 288.559

Protanopia

48, 26.695, 285.068

Deuteranopia

48, 26.081, 285.468



Tritanopia
48, 8.745, 236.327

Trichromacy



Original Color
48, 26.587, 288.559

Protanomaly
48, 26.626, 286.434

Deuteranomaly
48, 26.047, 286.172

Tritanomaly
48, 13.882, 268.944

Monochromacy



Original Color
48, 26.587, 288.559

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 9.488, 284.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 26.587, 288.559 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(104, 111, 156)` looks like.

```
.text, #text, p{  
    color:rgb(104, 111, 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(104, 111, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 111, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 26.587, 288.559 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(104, 111, 156) }
```

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

```
.border{ border-color:rgb(104, 111, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 111, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 111, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 111, 156);  
box-shadow:4px 4px 4px 4px rgb(104, 111,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 26.587, 288.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 111, 156) }
```

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

```
.background{ background-color: rgb(104,  
111, 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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