

Converting Colors

CIELCh(48, 8.776, 272.416)

Have a look what the booklet for
CIELCh(48, 8.776, 272.416) contains.

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Color

CIELCh(48, 9.171, 274.578)

Conversions

Conversions Part 1

Format	Color
Hex	6B7281
RGB	107, 114, 129
RGB Percent	42%, 45%, 51%
CMY	0.5798, 0.5523, 0.4935
CMYK	0.17, 0.12, 0.00, 0.49
HSL	221°, 9%, 46%
HSV	221°, 17%, 51%
XYZ	16.0900, 16.7945, 23.2181
YIQ	113.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

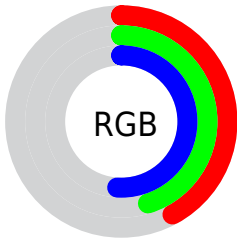
Format	Color
R_{YB}	107, 112, 129
Decimal	7041665
CIE Lab	48.00, 0.73, -9.14
CIE LCh	48, 9.171, 274.578
Yxy	16.7945, 0.2868, 0.2994
Android (android.graphics.Color)	4285231745 (0xFF6B7281)
YUV	113.6170, 7.5838, -5.8031
Hunter-Lab	40.9810, -1.6339, -4.9045

Details

The CIELCh color $48, 9.171, 274.578$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 9.173, 90.257$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 9.113, 275.041$, and $28, 9.411, 274.626$ is the 20% darker color. If you saturate the color by 10%, you get $44, 14.675, 276.172$, and if you desaturate by 10%, it is $52, 3.759, 273.216$.

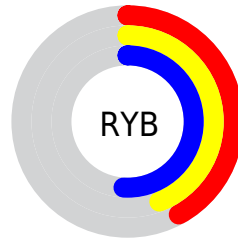
Distribution



Red (42%)

Green (45%)

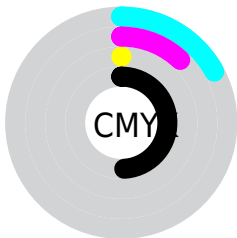
Blue (51%)



Red (42%)

Yellow (44%)

Blue (51%)

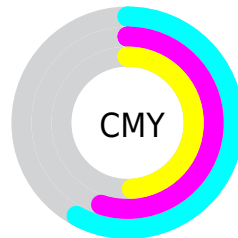


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (58%)













Magenta (55%)







Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.171, 274.578 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, 9.171, 274.578 by changing the saturation by 10% instead.

 48, 9.171, 274.578	 48, 9.171, 274.578
 100, 9.171, 274.578	 38, 9.171, 274.578
 68, 9.171, 274.578	 28, 9.171, 274.578
 78, 9.171, 274.578	 18, 9.171, 274.578
 88, 9.171, 274.578	 8, 9.171, 274.578
 98, 9.171, 274.578	 0, 9.171, 274.578

 48, 9.171, 274.578	 48, 9.171, 274.578
 44, 14.675, 276.172	 52, 3.759, 273.216
 41, 20.280,	 55, 1.561, 91.868

278.035

59, 6.791, 90.911

37, 25.995,
280.200

62, 11.930, 90.013

34, 31.839,
282.697

66, 16.979, 89.217

31, 37.833,
285.537

69, 21.939, 88.512

27, 43.995,
288.690

73, 26.809, 87.882

24, 50.309,
292.066

76, 31.590, 87.318

22, 56.697,
295.429

21, 58.593,
296.320

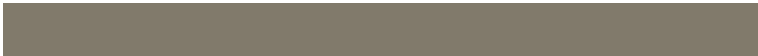
Harmonies

Complementary

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



48, 9.171, 274.578



51, 9.173, 90.257

Rectangle

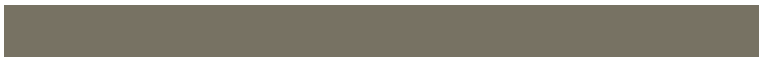
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48, 9.171, 274.578



48, 9.171, 324.578



48, 9.171, 94.578



48, 9.171, 144.578

Sweetspot

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



48, 9.170, 274.573



67, 3.313, 272.990



52, 9.637, 172.186



34, 2.250, 273.057



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 9.170, 274.573



60, 13.404, 275.094



46, 13.186, 298.016



25, 2.983, 273.473



20, 57.971, 296.272



0, 0.000, 0.000

Inverse Universe

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



48, 9.973, 356.302



60, 14.620, 356.682



53, 12.724, 115.523



25, 3.218, 355.469



26, 51.586, 17.498



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 9.171, 274.578 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 48, 9.171, 274.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

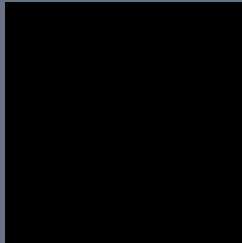
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

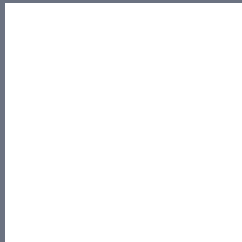
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 9.171, 274.578

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.171, 274.578.



This preview shows how white text looks on a background with the CIELCh color 48, 9.171, 274.578.

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

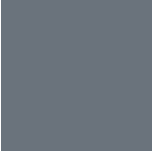
48, 9.171, 274.578

Protanopia

48, 8.870, 286.412

Deuteranopia

48, 11.498, 303.229



Tritanopia
48, 6.264, 257.338

Trichromacy



Original Color

48, 9.171, 274.578

Protanomaly

48, 8.904, 283.970

Deuteranomaly

48, 10.646, 293.649

Tritanomaly

48, 7.261, 262.794

Monochromacy



Original Color

48, 9.171, 274.578

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 3.613, 278.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.171, 274.578 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(107, 114, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 114, 129)  
}
```

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(107, 114, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 114, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.171, 274.578 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(107, 114, 129) }
```

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

```
.border{ border-color:rgb(107, 114, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 114, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 114, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 114, 129); box-shadow:4px 4px 4px 4px rgb(107, 114, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.171, 274.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 114, 129) }
```

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

```
.background{ background-color: rgb(107,  
114, 129) }
```

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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