

Converting Colors

CIELCh(49, 7.829, 286.821)

Have a look what the booklet for
CIELCh(49, 7.829, 286.821) contains.

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Color

CIELCh(49, 7.662, 285.429)

Conversions

Conversions Part 1

Format	Color
Hex	727481
RGB	114, 116, 129
RGB Percent	45%, 45%, 51%
CMY	0.5537, 0.5458, 0.4948
CMYK	0.12, 0.10, 0.00, 0.49
HSL	232°, 6%, 48%
HSV	232°, 12%, 51%
XYZ	17.0903, 17.5941, 23.1996
YIQ	116.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

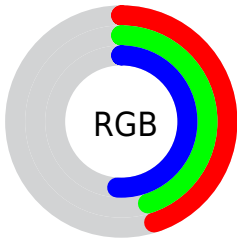
Format	Color
R_{YB}	114, 116, 129
Decimal	7500929
CIE Lab	49.00, 2.04, -7.39
CIE LCh	49, 7.662, 285.429
Yxy	17.5941, 0.2953, 0.3040
Android (android.graphics.Color)	4285691009 (0xFF727481)
YUV	116.8840, 5.9732, -2.5293
Hunter-Lab	41.9453, -0.6757, -3.4312

Details

The CIELCh color $49, 7.662, 285.429$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 7.524, 102.913$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 7.713, 285.550$, and $29, 7.754, 285.550$ is the 20% darker color. If you saturate the color by 10%, you get $45, 14.472, 286.721$, and if you desaturate by 10%, it is $53, 1.069, 284.375$.

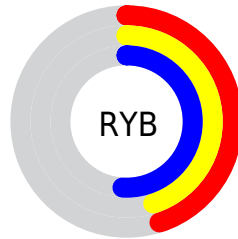
Distribution



Red (45%)

Green (45%)

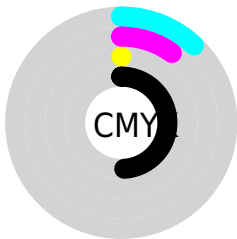
Blue (51%)



Red (45%)

Yellow (45%)

Blue (51%)

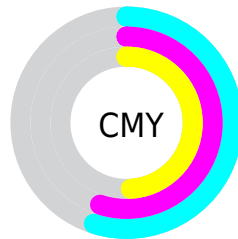


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.662, 285.429 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 49, 7.662, 285.429 by changing the saturation by 10% instead.

■ 49, 7.662, 285.429

■ 49, 7.662, 285.429

■ 100, 7.662,
285.429

■ 39, 7.662, 285.429

■ 69, 7.662, 285.429

■ 29, 7.662, 285.429

■ 79, 7.662, 285.429

■ 19, 7.662, 285.429

■ 89, 7.662, 285.429

■ 9, 7.662, 285.429

■ 99, 7.662, 285.429

■ 0, 7.662, 285.429

■ 49, 7.662, 285.429

■ 49, 7.662, 285.429

■ 45, 14.472,
286.721

■ 53, 1.069, 284.375

■ 41, 21.522,

■ 57, 5.318, 103.310

288.237

62, 11.514,
102.483

36, 28.830,
290.000

66, 17.530,
101.759

32, 36.413,
292.031

70, 23.375,
101.124

28, 44.266,
294.328

74, 29.059,
100.565

24, 52.322,
296.844

78, 34.589,
100.070

21, 60.373,
299.458

82, 39.974, 99.631

18, 67.949,
301.960

86, 45.220, 99.238

15, 73.445,
303.644

Harmonies

Complementary

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



49, 7.662, 285.429



53, 7.524, 102.913

Rectangle

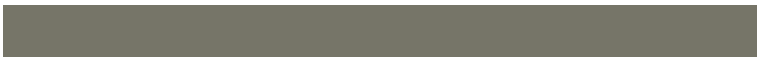
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 7.662, 285.429



49, 7.662, 335.429



49, 7.662, 105.429



49, 7.662, 155.429

Sweetspot

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



49, 7.661, 285.423



67, 2.429, 284.486



53, 5.994, 186.255



35, 1.834, 284.556



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 7.661, 285.423



62, 11.511, 285.752



49, 9.090, 304.279



25, 3.663, 285.125



15, 72.847, 303.621



0, 0.000, 0.000

Inverse Universe

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



49, 6.282, 9.392



62, 9.474, 9.663



53, 8.907, 123.082



25, 2.993, 9.138



26, 57.079, 32.286



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.662, 285.429 looks on a white background.

Color Contrast Check

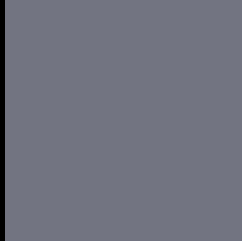
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 7.662, 285.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

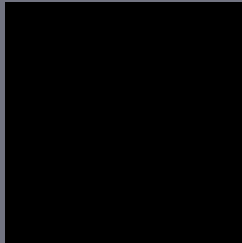
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

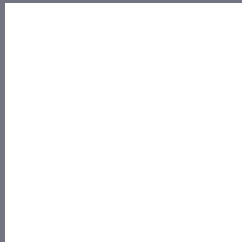
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 7.662, 285.429

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.662, 285.429.



This preview shows how white text looks on a background with the CIELCh color 49, 7.662, 285.429.

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

49, 7.662, 285.429

Protanopia

49, 7.639, 288.296

Deuteranopia

49, 10.094, 311.725



Tritanopia
49, 5.970, 279.727

Trichromacy



Original Color
49, 7.662, 285.429

Protanomaly
49, 7.639, 288.296

Deuteranomaly
49, 9.068, 303.678

Tritanomaly
49, 6.545, 280.839

Monochromacy



Original Color
49, 7.662, 285.429

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 2.378, 280.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.662, 285.429 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(114, 116, 129)` looks like.

```
.text, #text, p{  
    color:rgb(114, 116, 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(114, 116, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 116, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.662, 285.429 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(114, 116, 129) }
```

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

```
.border{ border-color:rgb(114, 116, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 116, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 116, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 116, 129);  
box-shadow:4px 4px 4px 4px rgb(114, 116,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.662, 285.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 116, 129) }
```

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

```
.background{ background-color: rgb(114,  
116, 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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