

Converting Colors

CIELCh(49, 12.026, 230.912)

Have a look what the booklet for
CIELCh(49, 12.026, 230.912)
contains.

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Color

CIELCh(49, 12.092, 230.978)

Conversions

Conversions Part 1	
Format	Color
Hex	5C7984
RGB	92, 121, 132
RGB Percent	36%, 47%, 52%
CMY	0.6395, 0.5257, 0.4826
CMYK	0.30, 0.08, 0.00, 0.48
HSL	196°, 18%, 44%
HSV	196°, 30%, 52%
XYZ	15.3961, 17.5941, 24.3896
YIQ	113.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

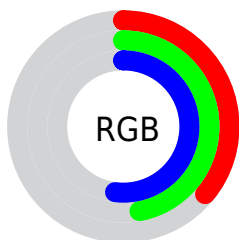
Format	Color
RYB	92, 109, 132
Decimal	6060420
CIELab	49.00, -7.61, -9.39
CIELCh	49, 12.092, 230.978
Yxy	17.5941, 0.2683, 0.3066
Android (android.graphics.Color)	4284250500 (0xFF5C7984)
YUV	113.5830, 9.0796, -18.9283
Hunter-Lab	41.9453, -7.8855, -5.1133

Details

The CIELCh color $49, 12.092, 230.978$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 14.535, 47.073$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 12.166, 231.678$, and $29, 12.199, 233.971$ is the 20% darker color. If you saturate the color by 10%, you get $47, 15.557, 232.284$, and if you desaturate by 10%, it is $51, 8.333, 229.955$.

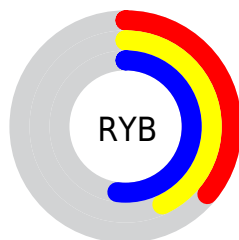
Distribution



Red (36%)

Green (47%)

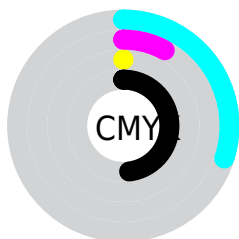
Blue (52%)



Red (36%)

Yellow (43%)

Blue (52%)

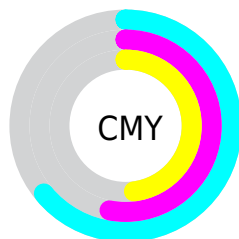


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (64%)


Magenta (53%)

Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 12.092, 230.978 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, 12.092, 230.978 by changing the saturation by 10% instead.


 49, 12.092,
230.978


 49, 12.092,
230.978


 100, 12.092,
230.978


 39, 12.092,
230.978

 69, 12.092,
230.978


 29, 12.092,
230.978

 79, 12.092,
230.978

 19, 12.092,
230.978

 89, 12.092,
230.978

 9, 12.092, 230.978

 99, 12.092,
230.978

 0, 12.092, 230.978

 49, 12.092,

 49, 12.092,

230.978

■ 47, 15.557,
232.284

■ 45, 18.680,
233.951

■ 44, 21.419,
236.053

■ 42, 23.751,
238.671

■ 40, 25.681,
241.885

■ 39, 27.257,
245.743

■ 38, 28.644,
249.795

230.978

■ 51, 8.333, 229.955

■ 53, 4.333, 229.191

■ 55, 0.139, 231.228

■ 57, 4.208, 47.905

■ 59, 8.669, 47.581

■ 62, 13.214, 47.314

■ 64, 17.817, 47.109

■ 66, 22.458, 46.955

■ 68, 27.121, 46.843

Harmonies

Complementary

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



49, 12.092, 230.978



46, 14.535, 47.073

Rectangle

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



49, 12.092, 230.978



49, 12.092, 280.978



49, 12.092, 50.978



49, 12.092, 100.978

Sweetspot

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



49, 12.092, 230.973



68, 4.680, 229.124



52, 23.401, 150.674



35, 3.269, 229.201



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 12.092, 230.973



61, 17.369, 231.787



43, 18.629, 282.533



27, 2.384, 229.120



37, 28.334, 249.721



0, 0.582, 228.478

Inverse Universe

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



44, 23.457, 335.336



54, 34.316, 335.824



52, 18.165, 94.816



26, 4.349, 333.843



28, 57.243, 342.523



0, 1.034, 333.291

Previews

White Background



This preview shows how the CIELCh color 49, 12.092, 230.978 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, 12.092, 230.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

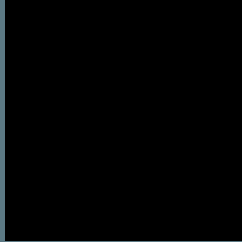
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

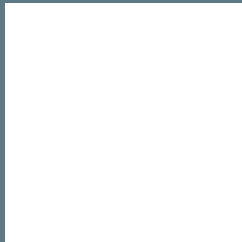
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 12.092, 230.978

Background



This preview shows how black text looks on a background with the CIELCh color 49, 12.092, 230.978.



This preview shows how white text looks on a background with the CIELCh color 49, 12.092, 230.978.

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, 12.092, 230.978

Protanopia

49, 7.648, 291.191

Deuteranopia

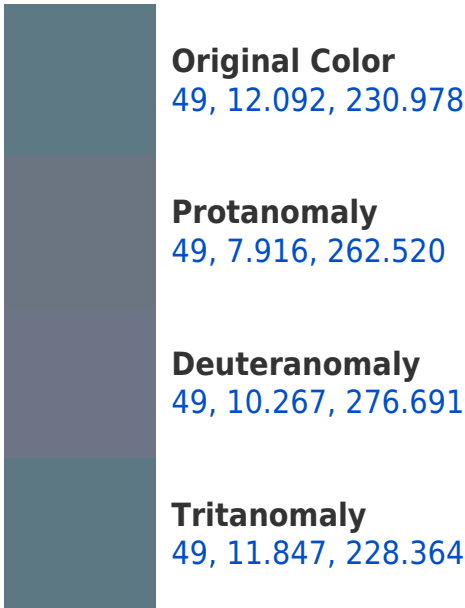
49, 12.615, 302.219



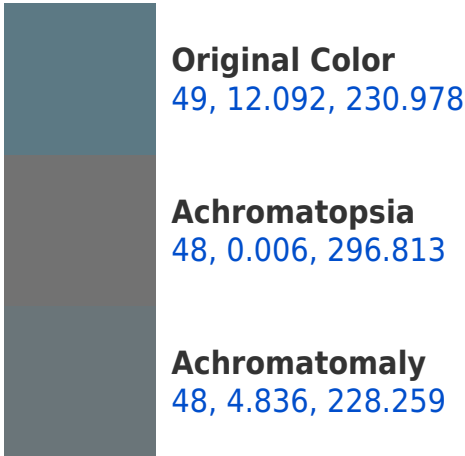
Tritanopia

49, 11.847, 228.364

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 12.092, 230.978 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(92, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(92, 121, 132)  
}
```

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(92, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 121, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 12.092, 230.978 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(92, 121, 132) }
```

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

```
.border{ border-color:rgb(92, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(92, 121,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 12.092, 230.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 121, 132) }
```

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

```
.background{ background-color: rgb(92, 121,  
132) }
```

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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