

Converting Colors

CIELCh(48, 14.105, 273.524)

Have a look what the booklet for
CIELCh(48, 14.105, 273.524)
contains.

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Color

CIELCh(48, 14.116, 274.032)

Conversions

Conversions Part 1

Format	Color
Hex	667289
RGB	102, 114, 137
RGB Percent	40%, 45%, 54%
CMY	0.5984, 0.5513, 0.4611
CMYK	0.25, 0.17, 0.00, 0.46
HSL	219°, 15%, 47%
HSV	219°, 25%, 54%
XYZ	16.1355, 16.7945, 26.2182
YIQ	113.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

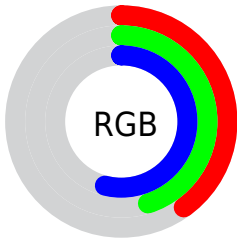
Format	Color
RYB	102, 111, 137
Decimal	6713993
CIELab	48.00, 0.99, -14.08
CIElCh	48, 14.116, 274.032
Yxy	16.7945, 0.2728, 0.2839
Android (android.graphics.Color)	4284904073 (0xFF667289)
YUV	113.0340, 11.8152, -9.6768
Hunter-Lab	40.9810, -1.4357, -9.2448

Details

The CIELCh color $48, 14.116, 274.032$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 14.234, 87.202$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 13.764, 273.786$, and $28, 14.158, 274.314$ is the 20% darker color. If you saturate the color by 10%, you get $44, 19.795, 275.891$, and if you desaturate by 10%, it is $52, 8.517, 272.436$.

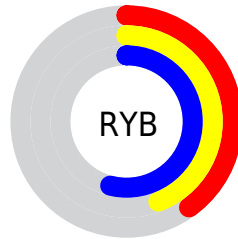
Distribution



Red (40%)

Green (45%)

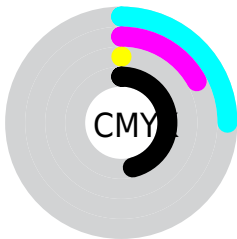
Blue (54%)



Red (40%)

Yellow (44%)

Blue (54%)

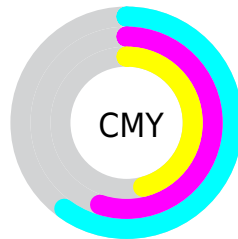


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (60%)


Magenta (55%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 14.116, 274.032 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, 14.116, 274.032 by changing the saturation by 10% instead.


 48, 14.116,
274.032


 48, 14.116,
274.032


 100, 14.116,
274.032


 38, 14.116,
274.032

 68, 14.116,
274.032


 28, 14.116,
274.032

 78, 14.116,
274.032

 18, 14.116,
274.032

 88, 14.116,
274.032

 8, 14.116, 274.032

 98, 14.116,
274.032

 0, 14.116, 274.032

 48, 14.116,

 48, 14.116,

274.032

274.032

■ 44, 19.795,
275.891

■ 52, 8.517, 272.436

■ 41, 25.565,
278.060

■ 55, 2.997, 271.098

■ 59, 2.443, 89.768

■ 37, 31.441,
280.570

■ 63, 7.804, 88.785

■ 34, 37.447,
283.440

■ 66, 13.083, 87.890

■ 70, 18.278, 87.098

■ 30, 43.608,
286.649

■ 73, 23.389, 86.395

■ 27, 49.932,
290.122

■ 77, 28.415, 85.768

■ 80, 33.356, 85.206

■ 24, 56.372,
293.680

■ 23, 59.308,
295.142

Harmonies

Complementary

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



48, 14.116, 274.032



53, 14.234, 87.202

Rectangle

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



48, 14.116, 274.032



48, 14.116, 324.032



48, 14.116, 94.032



48, 14.116, 144.032

Sweetspot

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



48, 14.115, 274.029



69, 5.425, 271.429



54, 15.209, 170.222



35, 3.843, 271.605



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



48, 14.115, 274.029



59, 21.354, 275.149



45, 21.065, 298.230



27, 3.098, 271.556



22, 57.584, 295.010



0, 1.430, 270.367

Inverse Universe

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



47, 16.087, 355.612



58, 24.409, 356.394



56, 19.923, 114.217



27, 3.477, 353.832



27, 52.687, 15.475



0, 1.589, 353.062

Previews

White Background



This preview shows how the CIE LCh color 48, 14.116, 274.032 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, 14.116, 274.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

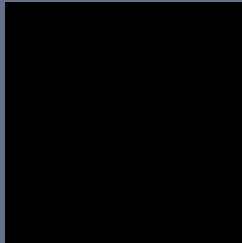
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

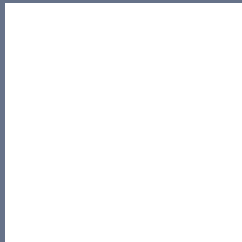
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 14.116, 274.032

Background



This preview shows how black text looks on a background with the CIELCh color 48, 14.116, 274.032.

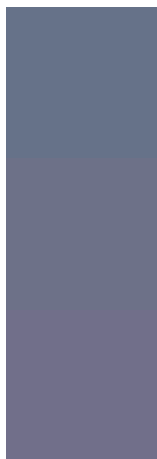


This preview shows how white text looks on a background with the CIELCh color 48, 14.116, 274.032.

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

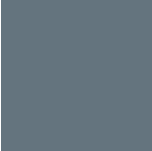
48, 14.116, 274.032

Protanopia

48, 13.612, 285.739

Deuteranopia

48, 15.988, 294.938



Tritanopia
48, 8.303, 244.417

Trichromacy



Original Color
48, 14.116, 274.032

Protanomaly
48, 13.727, 281.185

Deuteranomaly
48, 15.367, 288.110

Tritanomaly
48, 10.125, 260.423

Monochromacy



Original Color
48, 14.116, 274.032

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.069, 268.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 14.116, 274.032 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(102, 114, 137)` looks like.

```
.text, #text, p{  
    color:rgb(102, 114, 137)  
}
```

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(102, 114, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 114, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 14.116, 274.032 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(102, 114, 137) }
```

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

```
.border{ border-color:rgb(102, 114, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 114, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 114, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 114, 137);  
box-shadow:4px 4px 4px 4px rgb(102, 114,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 14.116, 274.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 114, 137) }
```

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

```
.background{ background-color: rgb(102,  
114, 137) }
```

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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