

Converting Colors

CIELCh(48, 18.332, 274.785)

Have a look what the booklet for
CIELCh(48, 18.332, 274.785)
contains.

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Color

CIELCh(48, 18.358, 274.823)

Conversions

Conversions Part 1

Format	Color
Hex	627290
RGB	98, 114, 144
RGB Percent	38%, 45%, 56%
CMY	0.6138, 0.5511, 0.4333
CMYK	0.32, 0.21, 0.00, 0.43
HSL	219°, 19%, 48%
HSV	219°, 32%, 57%
XYZ	16.2321, 16.7945, 28.9718
YIQ	112.6360, -19.1660, 5.9380

Conversions

Conversions Part 2

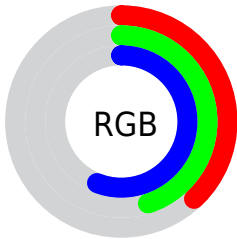
Format	Color
R_{YB}	98, 110, 144
Decimal	6451856
CIE _{Lab}	48.00, 1.54, -18.29
CIE _{LCh}	48, 18.358, 274.823
Yxy	16.7945, 0.2618, 0.2709
Android (android.graphics.Color)	4284641936 (0xFF627290)
YUV	112.6360, 15.4625, -12.8358
Hunter-Lab	40.9810, -1.0152, -13.2288

Details

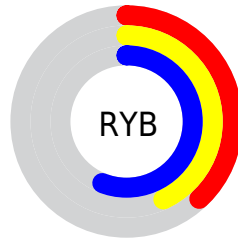
The CIELCh color `48, 18.358, 274.823` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `54, 18.587, 85.951`, and the grayscale version is `48, 0.006, 296.813`.

A 20% lighter version of the original color is `68, 18.287, 274.682`, and `28, 18.805, 275.335` is the 20% darker color. If you saturate the color by 10%, you get `44, 24.291, 276.895`, and if you desaturate by 10%, it is `52, 12.509, 273.046`.

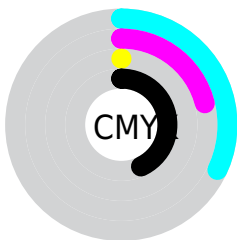
Distribution



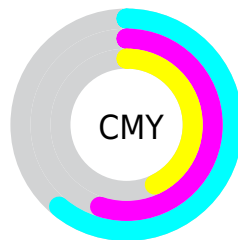
- Red (38%)
- Green (45%)
- Blue (56%)



- Red (38%)
- Yellow (43%)
- Blue (56%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (55%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 18.358, 274.823 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, 18.358, 274.823 by changing the saturation by 10% instead.

 48, 18.358,
274.823


 48, 18.358,
274.823


 100, 18.358,
274.823


 38, 18.358,
274.823

 68, 18.358,
274.823

 28, 18.358,
274.823

 78, 18.358,
274.823

 18, 18.358,
274.823


 88, 18.358,
274.823

 8, 18.358, 274.823

 98, 18.358,
274.823

 0, 18.358, 274.823

 48, 18.358,

 48, 18.358,

274.823

274.823

■ 44, 24.291,
276.895

■ 52, 12.509,
273.046

■ 41, 30.323,
279.304

■ 56, 6.740, 271.531

■ 37, 36.476,
282.074

■ 59, 1.049, 270.374

■ 63, 4.562, 89.003

■ 33, 42.778,
285.203

■ 67, 10.092, 88.036

■ 30, 49.249,
288.634

■ 71, 15.538, 87.176

■ 74, 20.899, 86.414

■ 27, 55.866,
292.242

■ 78, 26.173, 85.738

■ 25, 61.323,
295.028

■ 82, 31.360, 85.133

Harmonies

Complementary

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



48, 18.358, 274.823



54, 18.587, 85.951

Rectangle

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



48, 18.358, 274.823



48, 18.358, 324.823



48, 18.358, 94.823



48, 18.358, 144.823

Sweetspot

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



48, 18.357, 274.822



72, 7.066, 271.307



56, 19.637, 169.522



37, 4.809, 271.477



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



48, 18.357, 274.822



59, 27.363, 276.230



44, 27.780, 298.922



28, 3.176, 271.168



23, 58.032, 294.788



1, 2.134, 269.968

Inverse Universe

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



47, 21.155, 356.104



58, 31.547, 357.086



58, 25.844, 113.746



28, 3.594, 353.515



28, 53.361, 15.131



0, 2.390, 352.741

Previews

White Background



This preview shows how the CIELCh color 48, 18.358, 274.823 looks on a white background.

Color Contrast Check

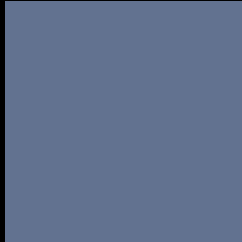
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.358, 274.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

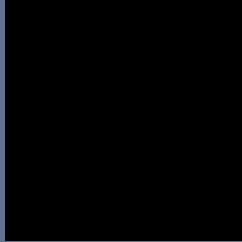
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

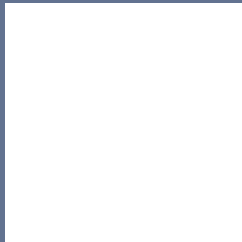
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 18.358, 274.823

Background



This preview shows how black text looks on a background with the CIELCh color 48, 18.358, 274.823.

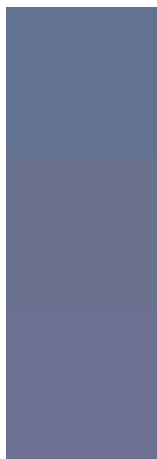


This preview shows how white text looks on a background with the CIELCh color 48, 18.358, 274.823.

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, 18.358, 274.823

Protanopia

48, 17.796, 284.431

Deuteranopia

48, 19.487, 288.549



Tritanopia
48, 9.886, 231.259

Trichromacy



Original Color
48, 18.358, 274.823

Protanomaly
48, 17.977, 280.012

Deuteranomaly
48, 18.996, 284.098

Tritanomaly
48, 11.906, 251.584

Monochromacy



Original Color
48, 18.358, 274.823

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.290, 269.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 18.358, 274.823 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(98, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(98, 114, 144)  
}
```

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(98, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 114, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 18.358, 274.823 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(98, 114, 144) }
```

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

```
.border{ border-color:rgb(98, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 114,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 18.358, 274.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 114, 144) }
```

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

```
.background{ background-color: rgb(98, 114,  
144) }
```

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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