

Converting Colors

CIELCh(48, 24.601, 281.914)

Have a look what the booklet for
CIELCh(48, 24.601, 281.914)
contains.

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Color

CIELCh(48, 24.502, 281.536)

Conversions

Conversions Part 1

Format	Color
Hex	62719A
RGB	98, 113, 154
RGB Percent	38%, 44%, 60%
CMY	0.6150, 0.5562, 0.3954
CMYK	0.36, 0.27, 0.00, 0.40
HSL	224°, 22%, 49%
HSV	224°, 36%, 60%
XYZ	16.8284, 16.7945, 33.0066
YIQ	113.1890, -22.1010, 9.5710

Conversions

Conversions Part 2

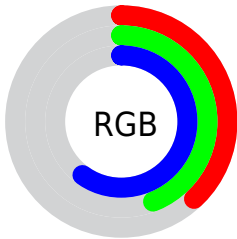
Format	Color
R _Y B	98, 110, 154
Decimal	6451610
CIE Lab	48.00, 4.90, -24.01
CIE LCh	48, 24.502, 281.536
Yxy	16.7945, 0.2526, 0.2521
Android (android.graphics.Color)	4284641690 (0xFF62719A)
YUV	113.1890, 20.1198, -13.3208
Hunter-Lab	40.9810, 1.5823, -19.0662

Details

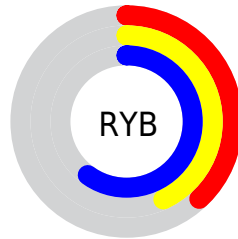
The CIELCh color `48, 24.502, 281.536` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `58, 24.011, 91.598`, and the grayscale version is `48, 0.006, 296.813`.

A 20% lighter version of the original color is `68, 24.579, 281.034`, and `28, 24.934, 282.071` is the 20% darker color. If you saturate the color by 10%, you get `44, 31.642, 283.661`, and if you desaturate by 10%, it is `52, 17.546, 279.708`.

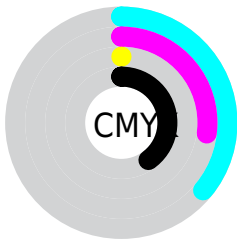
Distribution



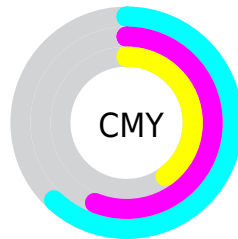
- Red (38%)
- Green (44%)
- Blue (60%)



- Red (38%)
- Yellow (43%)
- Blue (60%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (56%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 24.502, 281.536 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, 24.502, 281.536 by changing the saturation by 10% instead.


 48, 24.502,
281.536


 48, 24.502,
281.536


 100, 24.502,
281.536

 38, 24.502,
281.536

 68, 24.502,
281.536


 28, 24.502,
281.536

 78, 24.502,
281.536

 18, 24.502,
281.536

 88, 24.502,
281.536

 8, 24.502, 281.536

 98, 24.502,
281.536

 0, 24.502, 281.536

 48, 24.502,

 48, 24.502,

281.536

■ 44, 31.642,
283.661

■ 40, 38.992,
286.111

■ 35, 46.572,
288.889

■ 31, 54.375,
291.951

■ 28, 62.319,
295.183

■ 25, 70.173,
298.367

■ 23, 72.980,
299.405

281.536

■ 52, 17.546,
279.708

■ 57, 10.758,
278.142

■ 61, 4.125, 276.815

■ 65, 2.360, 95.540

■ 70, 8.705, 94.579

■ 74, 14.912, 93.704

■ 78, 20.987, 92.932

■ 82, 26.931, 92.249

■ 86, 32.748, 91.642

Harmonies

Complementary

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



48, 24.502, 281.536



58, 24.011, 91.598

Rectangle

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



48, 24.502, 281.536



48, 24.502, 331.536



48, 24.502, 101.536



48, 24.502, 151.536

Sweetspot

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



48, 24.501, 281.536



75, 8.965, 277.434



60, 22.293, 173.556



39, 6.080, 277.601



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 24.501, 281.536



58, 37.301, 283.334



45, 33.822, 301.597



30, 3.674, 277.173



21, 67.537, 299.132



1, 3.955, 276.332

Inverse Universe

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



48, 24.840, 2.411



58, 37.718, 3.851



61, 31.208, 116.278



30, 3.656, 359.024



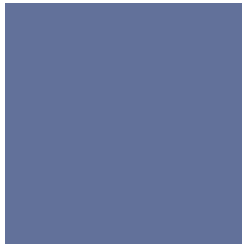
29, 56.656, 22.560



1, 3.867, 358.552

Previews

White Background



This preview shows how the CIELCh color 48, 24.502, 281.536 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 CIE LCh color 48, 24.502, 281.536 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

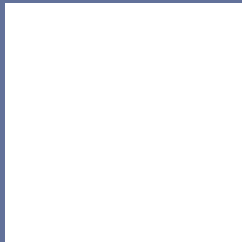
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 24.502, 281.536

Background



This preview shows how black text looks on a background with the CIELCh color 48, 24.502, 281.536.



This preview shows how white text looks on a background with the CIELCh color 48, 24.502, 281.536.

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, 24.502, 281.536

Protanopia

48, 24.312, 285.328

Deuteranopia

48, 24.891, 285.620



Tritanopia
48, 11.016, 231.103

Trichromacy



Original Color
48, 24.502, 281.536

Protanomaly
48, 24.351, 284.564

Deuteranomaly
48, 24.927, 284.876

Tritanomaly
48, 14.862, 260.303

Monochromacy



Original Color
48, 24.502, 281.536

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 9.016, 279.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 24.502, 281.536 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, 113, 154)` looks like.

```
.text, #text, p{  
    color:rgb(98, 113, 154)  
}
```

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, 113, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 113, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 24.502, 281.536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

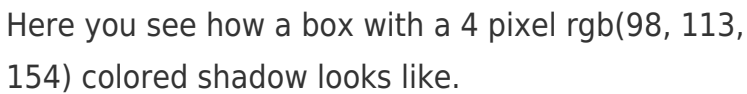
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 113, 154) }
```

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

```
.border{ border-color:rgb(98, 113, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 113, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 113, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 113, 154);  
box-shadow:4px 4px 4px 4px rgb(98, 113,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 24.502, 281.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 113, 154) }
```

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

```
.background{ background-color: rgb(98, 113,  
154) }
```

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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