

Converting Colors

CIELCh(50, 14.878, 276.726)

Have a look what the booklet for
CIELCh(50, 14.878, 276.726)
contains.

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Color

CIELCh(50, 15.036, 276.809)

Conversions

Conversions Part 1

Format	Color
Hex	6C7790
RGB	108, 119, 144
RGB Percent	42%, 47%, 56%
CMY	0.5762, 0.5330, 0.4350
CMYK	0.25, 0.17, 0.00, 0.44
HSL	222°, 14%, 49%
HSV	222°, 25%, 56%
XYZ	17.8375, 18.4187, 29.0295
YIQ	118.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

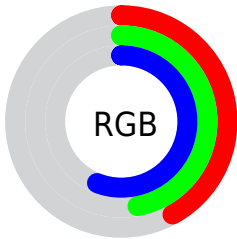
Format	Color
R_{YB}	108, 116, 144
Decimal	7108496
CIE Lab	50.00, 1.78, -14.93
CIE LCh	50, 15.036, 276.809
Yxy	18.4187, 0.2732, 0.2821
Android (android.graphics.Color)	4285298576 (0xFF6C7790)
YUV	118.5610, 12.5414, -9.2620
Hunter-Lab	42.9170, -0.9148, -10.0625

Details

The CIELCh color `50, 15.036, 276.809` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `56, 14.998, 90.227`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `70, 15.174, 277.113`, and `30, 15.120, 277.214` is the 20% darker color. If you saturate the color by 10%, you get `46, 21.254, 278.626`, and if you desaturate by 10%, it is `54, 8.936, 275.249`.

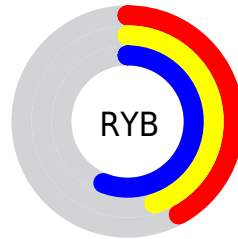
Distribution



Red (42%)

Green (47%)

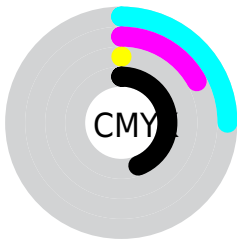
Blue (56%)



Red (42%)

Yellow (45%)

Blue (56%)

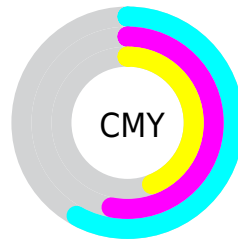


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 15.036, 276.809 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 50, 15.036, 276.809 by changing the saturation by 10% instead.

■ 50, 15.036,
276.809

■ 50, 15.036,
276.809

■ 100, 15.036,
276.809

■ 40, 15.036,
276.809

■ 70, 15.036,
276.809

■ 30, 15.036,
276.809

■ 80, 15.036,
276.809

■ 20, 15.036,
276.809

■ 90, 15.036,
276.809

■ 10, 15.036,
276.809

■ 0, 15.036, 276.809

■ 50, 15.036,
276.809

■ 50, 15.036,
276.809

46, 21.254,
278.626

54, 8.936, 275.249

42, 27.607,
280.744

58, 2.951, 273.940

62, 2.924, 92.656

38, 34.111,
283.192

66, 8.692, 91.683

35, 40.792,
285.984

70, 14.352, 90.806

73, 19.907, 90.030

31, 47.666,
289.094

77, 25.357, 89.342

28, 54.714,
292.435

81, 30.703, 88.729

85, 35.947, 88.179

25, 61.826,
295.834

23, 65.368,
297.373

Harmonies

Complementary

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



50, 15.036, 276.809



56, 14.998, 90.227

Rectangle

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



50, 15.036, 276.809



50, 15.036, 326.809



50, 15.036, 96.809



50, 15.036, 146.809

Sweetspot

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



50, 15.035, 276.807



72, 5.111, 274.196



57, 15.153, 172.482



38, 3.348, 274.258



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 15.035, 276.807



61, 22.366, 277.796



47, 21.503, 299.348



28, 3.326, 274.453



21, 62.018, 297.161



1, 2.230, 273.284

Inverse Universe

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



50, 16.122, 358.121



60, 24.047, 358.847



58, 20.381, 115.640



28, 3.515, 356.354



28, 54.145, 18.997



0, 2.333, 355.571

Previews

White Background



This preview shows how the CIELCh color 50, 15.036, 276.809 looks on a white 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

Black Background



This preview shows how the CIELCh color 50, 15.036, 276.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

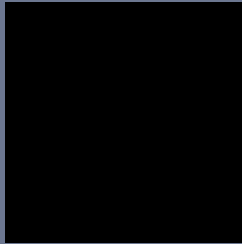
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

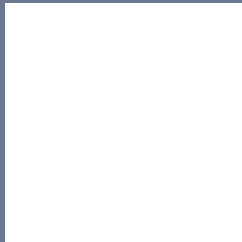
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 15.036, 276.809

Background



This preview shows how black text looks on a background with the CIELCh color 50, 15.036, 276.809.



This preview shows how white text looks on a background with the CIELCh color 50, 15.036, 276.809.

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

50, 15.036, 276.809

Protanopia

50, 14.702, 284.932

Deuteranopia

50, 17.016, 293.586



Tritanopia
50, 8.255, 244.321

Trichromacy



Original Color
50, 15.036, 276.809

Protanomaly
50, 14.790, 282.167

Deuteranomaly
50, 16.415, 288.484

Tritanomaly
50, 10.554, 262.093

Monochromacy



Original Color
50, 15.036, 276.809

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.461, 274.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 15.036, 276.809 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(108, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 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(108, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 15.036, 276.809 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(108, 119, 144) }
```

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

```
.border{ border-color:rgb(108, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 144);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 15.036, 276.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 144) }
```

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

```
.background{ background-color: rgb(108,  
119, 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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