

Converting Colors

CIELCh(48, 14.279, 265.029)

Have a look what the booklet for
CIELCh(48, 14.279, 265.029)
contains.

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Color

CIELCh(48, 14.259, 265.034)

Conversions

Conversions Part 1

Format	Color
Hex	62748A
RGB	98, 116, 138
RGB Percent	38%, 45%, 54%
CMY	0.6173, 0.5467, 0.4605
CMYK	0.29, 0.16, 0.00, 0.46
HSL	213°, 17%, 46%
HSV	213°, 29%, 54%
XYZ	15.7493, 16.7945, 26.2969
YIQ	113.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

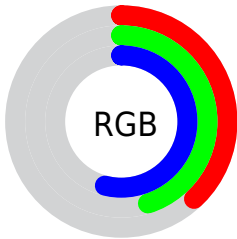
Format	Color
R _Y B	98, 110, 138
Decimal	6452362
CIE Lab	48.00, -1.23, -14.21
CIE LCh	48, 14.259, 265.034
Yxy	16.7945, 0.2677, 0.2854
Android (android.graphics.Color)	4284642442 (0xFF62748A)
YUV	113.1260, 12.2629, -13.2655
Hunter-Lab	40.9810, -3.1180, -9.3587

Details

The CIELCh color $48, 14.259, 265.034$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 15.043, 76.985$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 13.940, 264.887$, and $28, 14.229, 265.105$ is the 20% darker color. If you saturate the color by 10%, you get $45, 19.128, 267.079$, and if you desaturate by 10%, it is $51, 9.365, 263.294$.

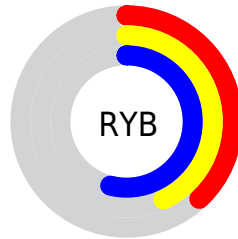
Distribution



Red (38%)

Green (45%)

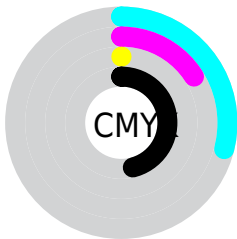
Blue (54%)



Red (38%)

Yellow (43%)

Blue (54%)

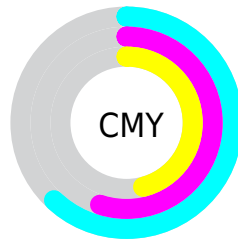


Cyan (29%)

Magenta (16%)

Yellow (0%)

Black (46%)



Cyan (62%)


Magenta (55%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 14.259, 265.034 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, 14.259, 265.034 by changing the saturation by 10% instead.


 48, 14.259,
265.034


 48, 14.259,
265.034


 100, 14.259,
265.034

 38, 14.259,
265.034

 68, 14.259,
265.034


 28, 14.259,
265.034

 78, 14.259,
265.034

 18, 14.259,
265.034


 88, 14.259,
265.034

 8, 14.259, 265.034

 98, 14.259,
265.034

 0, 14.259, 265.034

 48, 14.259,

 48, 14.259,

265.034

265.034

■ 45, 19.128,
267.079

■ 51, 9.365, 263.294

■ 42, 23.971,
269.485

■ 54, 4.457, 261.834

■ 58, 0.456, 79.956

■ 39, 28.796,
272.293

■ 61, 5.360, 79.360

■ 36, 33.625,
275.525

■ 64, 10.245, 78.431

■ 67, 15.102, 77.609

■ 33, 38.500,
279.168

■ 71, 19.924, 76.884

■ 30, 43.470,
283.143

■ 74, 24.703, 76.241

■ 77, 29.434, 75.668

■ 28, 48.596,
287.135

■ 27, 49.090,
287.480

Harmonies

Complementary

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



48, 14.259, 265.034



51, 15.043, 76.985

Rectangle

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



48, 14.259, 265.034



48, 14.259, 315.034



48, 14.259, 85.034



48, 14.259, 135.034

Sweetspot

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



48, 14.258, 265.031



69, 5.475, 261.852



54, 18.884, 162.855



35, 3.789, 262.024



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, 14.258, 265.031



59, 21.214, 266.366



43, 24.117, 294.688



27, 2.778, 261.847



26, 47.624, 287.318



1, 1.290, 260.624

Inverse Universe

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



46, 19.487, 349.157



56, 29.111, 349.947



56, 22.542, 108.920



27, 3.709, 347.146



28, 51.966, 5.357



0, 1.701, 346.424

Previews

White Background



This preview shows how the CIE LCh color 48, 14.259, 265.034 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, 14.259, 265.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

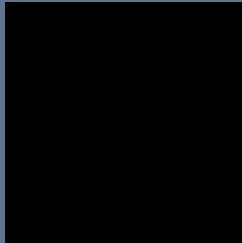
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

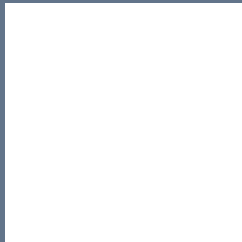
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 14.259, 265.034

Background



This preview shows how black text looks on a background with the CIELCh color 48, 14.259, 265.034.



This preview shows how white text looks on a background with the CIELCh color 48, 14.259, 265.034.

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, 14.259, 265.034

Protanopia

48, 13.612, 285.739

Deuteranopia

48, 15.970, 293.615



Tritanopia
48, 9.898, 235.483

Trichromacy



Original Color
48, 14.259, 265.034

Protanomaly
48, 13.859, 278.255

Deuteranomaly
48, 14.853, 283.648

Tritanomaly
48, 11.279, 250.912

Monochromacy



Original Color
48, 14.259, 265.034

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.395, 260.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 14.259, 265.034 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, 116, 138)` looks like.

```
.text, #text, p{  
    color:rgb(98, 116, 138)  
}
```

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, 116, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 116, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 14.259, 265.034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

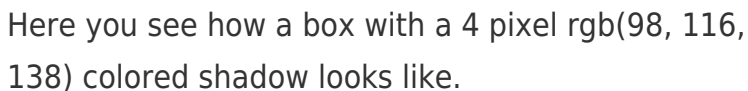
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 116, 138) }
```

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

```
.border{ border-color:rgb(98, 116, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 116, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 116, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 116, 138);  
box-shadow:4px 4px 4px 4px rgb(98, 116,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 14.259, 265.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 116, 138) }
```

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

```
.background{ background-color: rgb(98, 116,  
138) }
```

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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