

Converting Colors

CIELCh(50, 14.060, 290.482)

Have a look what the booklet for
CIELCh(50, 14.060, 290.482)
contains.

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Color

CIELCh(50, 14.060, 290.482)

Conversions

Conversions Part 1

Format	Color
Hex	74758D
RGB	116, 117, 141
RGB Percent	45%, 46%, 55%
CMY	0.5444, 0.5405, 0.4463
CMYK	0.18, 0.17, 0.00, 0.45
HSL	238°, 10%, 50%
HSV	238°, 18%, 55%
XYZ	18.4304, 18.4187, 27.8557
YIQ	119.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

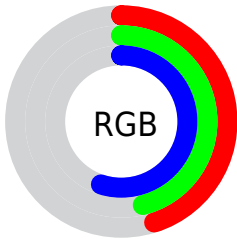
Format	Color
R _Y B	116, 117, 141
Decimal	7632269
CIE Lab	50.00, 4.92, -13.17
CIE LCh	50, 14.060, 290.482
Yxy	18.4187, 0.2848, 0.2847
Android (android.graphics.Color)	4285822349 (0xFF74758D)
YUV	119.4370, 10.6306, -3.0142
Hunter-Lab	42.9170, 1.5511, -8.4410

Details

The CIELCh color $50, 14.060, 290.482$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $58, 13.560, 106.820$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 14.254, 290.175$, and $30, 14.111, 289.617$ is the 20% darker color. If you saturate the color by 10%, you get $45, 22.428, 291.839$, and if you desaturate by 10%, it is $55, 6.010, 289.324$.

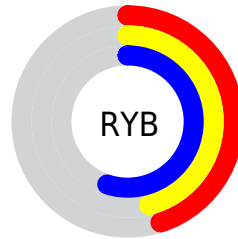
Distribution



Red (45%)

Green (46%)

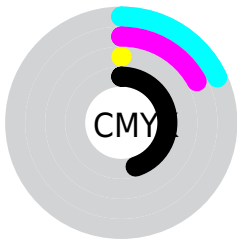
Blue (55%)



Red (45%)

Yellow (46%)

Blue (55%)

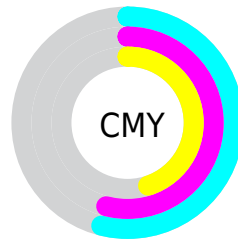


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (54%)


Magenta (54%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 14.060, 290.482 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, 14.060, 290.482 by changing the saturation by 10% instead.


 50, 14.060,
290.482


 50, 14.060,
290.482


 100, 14.060,
290.482

 40, 14.060,
290.482


 70, 14.060,
290.482

 30, 14.060,
290.482


 80, 14.060,
290.482


 20, 14.060,
290.482

 90, 14.060,
290.482

 10, 14.060,
290.482

 0, 14.060, 290.482

 50, 14.060,
290.482

 50, 14.060,
290.482

45, 22.428,
291.839

55, 6.010, 289.324

40, 31.140,
293.426

60, 1.743, 108.287

35, 40.206,
295.258

65, 9.221, 107.467

30, 49.592,
297.329

70, 16.445,
106.740

26, 59.153,
299.574

74, 23.430,
106.112

22, 68.493,
301.847

79, 30.193,
105.566

19, 76.799,
303.892

84, 36.746,
105.091

16, 82.938,
305.366

88, 43.103,
104.675

16, 84.131,

93, 49.275,
104.308

305.623

Harmonies

Complementary

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



50, 14.060, 290.482



58, 13.560, 106.820

Rectangle

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



50, 14.060, 290.482



50, 14.060, 340.482



50, 14.060, 110.482



50, 14.060, 160.482

Sweetspot

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



50, 14.059, 290.480



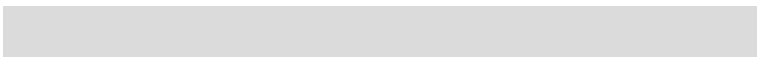
72, 4.809, 289.056



57, 9.404, 194.154



37, 3.272, 289.118



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



50, 14.059, 290.480



62, 20.804, 290.963



51, 15.292, 308.143



28, 4.453, 289.483



15, 81.401, 305.589



0, 2.962, 288.536

Inverse Universe

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



51, 10.403, 17.404



64, 15.487, 17.773



57, 14.900, 126.498



28, 3.247, 16.645



27, 62.864, 37.202



0, 2.126, 16.077

Previews

White Background



This preview shows how the CIELCh color 50, 14.060, 290.482 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 50, 14.060, 290.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

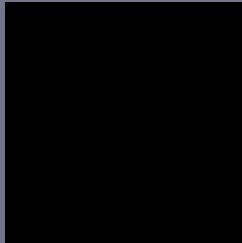
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

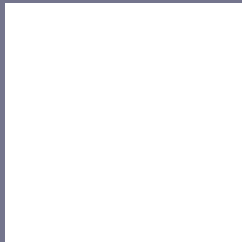
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 14.060, 290.482

Background



This preview shows how black text looks on a background with the CIELCh color 50, 14.060, 290.482.



This preview shows how white text looks on a background with the CIELCh color 50, 14.060, 290.482.

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, 14.060, 290.482

Protanopia

50, 14.090, 286.004

Deuteranopia

50, 14.725, 296.404



Tritanopia
50, 6.123, 272.632

Trichromacy



Original Color
50, 14.060, 290.482

Protanomaly
50, 14.064, 287.482

Deuteranomaly
50, 14.697, 294.958

Tritanomaly
50, 8.836, 283.909

Monochromacy



Original Color
50, 14.060, 290.482

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.265, 290.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 14.060, 290.482 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(116, 117, 141)` looks like.

```
.text, #text, p{  
    color:rgb(116, 117, 141)  
}
```

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(116, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 117, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 14.060, 290.482 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(116, 117, 141) }
```

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

```
.border{ border-color:rgb(116, 117, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 117, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(116, 117,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 14.060, 290.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 117, 141) }
```

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

```
.background{ background-color: rgb(116,  
117, 141) }
```

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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