

Converting Colors

CIELCh(50, 7.173, 330.453)

Have a look what the booklet for
CIELCh(50, 7.173, 330.453) contains.

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Color

CIELCh(50, 6.888, 330.377)

Conversions

Conversions Part 1

Format	Color
Hex	7F747D
RGB	127, 116, 125
RGB Percent	50%, 45%, 49%
CMY	0.5027, 0.5458, 0.5106
CMYK	0.00, 0.09, 0.02, 0.50
HSL	311°, 5%, 48%
HSV	311°, 9%, 50%
XYZ	18.6352, 18.4187, 21.9093
YIQ	120.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

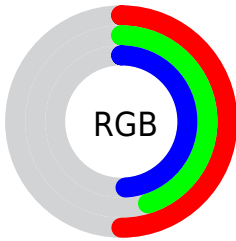
Format	Color
R_{YB}	127, 116, 125
Decimal	8352893
CIE Lab	50.00, 5.99, -3.40
CIE LCh	50, 6.888, 330.377
Yxy	18.4187, 0.3160, 0.3124
Android (android.graphics.Color)	4286542973 (0xFF7F747D)
YUV	120.3150, 2.3097, 5.8627
Hunter-Lab	42.9170, 2.4028, -0.2259

Details

The CIELCh color $50, 6.888, 330.377$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 6.866, 149.403$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 7.118, 329.749$, and $30, 6.747, 331.227$ is the 20% darker color. If you saturate the color by 10%, you get $46, 14.904, 330.999$, and if you desaturate by 10%, it is $54, 1.040, 150.036$.

Distribution



Red (50%)

Green (45%)

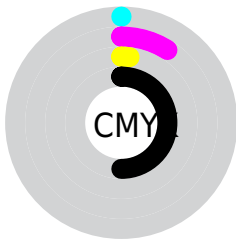
Blue (49%)



Red (50%)

Yellow (45%)

Blue (49%)

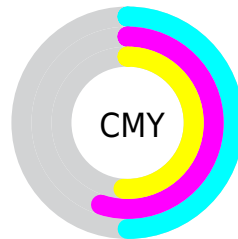


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 6.888, 330.377 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, 6.888, 330.377 by changing the saturation by 10% instead.

■ 50, 6.888, 330.377

■ 50, 6.888, 330.377

■ 100, 6.888,
330.377

■ 40, 6.888, 330.377

■ 70, 6.888, 330.377

■ 30, 6.888, 330.377

■ 80, 6.888, 330.377

■ 20, 6.888, 330.377

■ 90, 6.888, 330.377

■ 10, 6.888, 330.377

■ 0, 6.888, 330.377

■ 50, 6.888, 330.377

■ 50, 6.888, 330.377

■ 46, 14.904,
330.999

■ 54, 1.040, 150.036

■ 43, 22.908,
331.626

■ 57, 8.809, 149.292

■ 61, 16.381,

40, 30.741,
332.266

148.746

37, 38.186,
332.920

65, 23.740,
148.232

34, 44.963,
333.590

68, 30.878,
147.746

32, 50.749,
334.281

72, 37.800,
147.287

30, 55.223,
335.008

76, 44.513,
146.853

29, 58.143,
335.790

80, 51.028,
146.445

28, 59.810,
336.629

84, 57.357,
146.060

Harmonies

Complementary

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



50, 6.888, 330.377



52, 6.866, 149.403

Rectangle

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



50, 6.888, 330.377



50, 6.888, 20.377



50, 6.888, 150.377



50, 6.888, 200.377

Sweetspot

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



50, 6.886, 330.378



67, 2.957, 329.992



49, 6.510, 297.331



35, 2.260, 330.052



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 6.886, 330.378



64, 9.897, 330.476



50, 4.964, 354.403



25, 4.498, 330.405



28, 60.261, 336.744



0, 0.000, 0.000

Inverse Universe

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



50, 6.886, 330.378



64, 9.897, 330.476



52, 4.857, 173.000



25, 4.498, 330.405



28, 60.261, 336.744



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 50, 6.888, 330.377 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 CIE LCh color 50, 6.888, 330.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

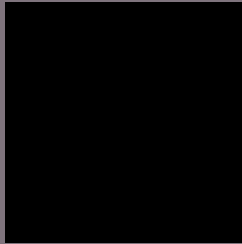
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 6.888, 330.377

Background



This preview shows how black text looks on a background with the CIELCh color 50, 6.888, 330.377.



This preview shows how white text looks on a background with the CIELCh color 50, 6.888, 330.377.

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

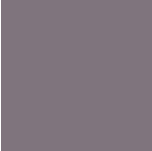
50, 6.888, 330.377

Protanopia

50, 4.709, 295.573

Deuteranopia

50, 7.859, 332.221



Tritanopia
50, 6.888, 330.377

Trichromacy



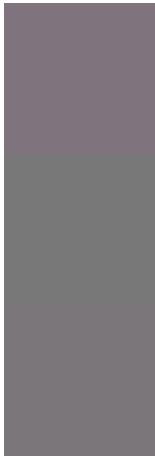
Original Color
50, 6.888, 330.377

Protanomaly
50, 5.657, 311.258

Deuteranomaly
50, 7.859, 332.221

Tritanomaly
50, 6.888, 330.377

Monochromacy



Original Color
50, 6.888, 330.377

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 2.854, 324.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 6.888, 330.377 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(127, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 125)  
}
```

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(127, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 6.888, 330.377 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(127, 116, 125) }
```

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

```
.border{ border-color:rgb(127, 116, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 116, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 116, 125); box-shadow:4px 4px 4px 4px rgb(127, 116, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 6.888, 330.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 125) }
```

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

```
.background{ background-color: rgb(127,  
116, 125) }
```

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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