

Converting Colors

CIELCh(50, 3.420, 144.290)

Have a look what the booklet for
CIELCh(50, 3.420, 144.290) contains.

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Color

CIELCh(50, 3.567, 144.268)

Conversions

Conversions Part 1	
Format	Color
Hex	737873
RGB	115, 120, 115
RGB Percent	45%, 47%, 45%
CMY	0.5478, 0.5282, 0.5478
CMYK	0.04, 0.00, 0.04, 0.53
HSL	120°, 2%, 46%
HSV	120°, 4%, 47%
XYZ	16.9772, 18.4187, 18.9734
YIQ	117.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

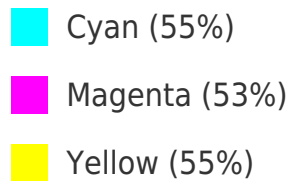
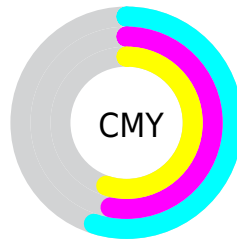
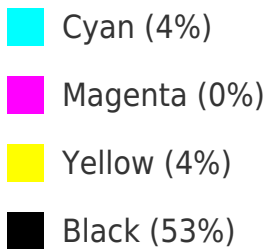
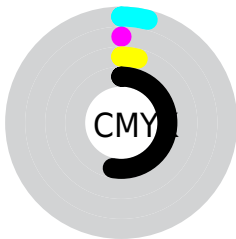
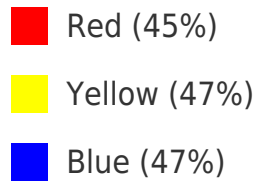
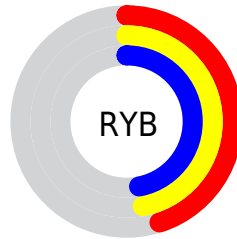
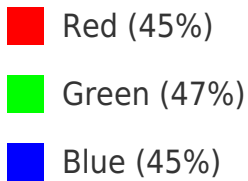
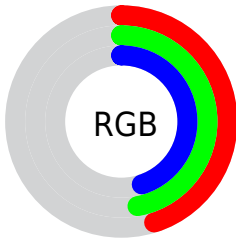
Format	Color
RYB	115, 120, 120
Decimal	7567475
CIELab	50.00, -2.90, 2.08
CIELCh	50, 3.567, 144.268
Yxy	18.4187, 0.3123, 0.3388
Android (android.graphics.Color)	4285757555 (0xFF737873)
YUV	117.9350, -1.4470, -2.5740
Hunter-Lab	42.9170, -4.4930, 3.8300

Details

The CIELCh color $50, 3.567, 144.268$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 3.580, 324.610$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 3.336, 144.351$, and $30, 3.907, 144.119$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.238, 143.633$, and if you desaturate by 10%, it is $51, 4.981, 324.695$.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 3.567, 144.268 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, 3.567, 144.268 by changing the saturation by 10% instead.

 50, 3.567, 144.268

 50, 3.567, 144.268

 100, 3.567,
144.268

 40, 3.567, 144.268

 70, 3.567, 144.268

 30, 3.567, 144.268

 80, 3.567, 144.268

 20, 3.567, 144.268


 90, 3.567, 144.268

 10, 3.567, 144.268

 0, 3.567, 144.268


 50, 3.567, 144.268


 50, 3.567, 144.268


 49, 12.238,
143.633


 51, 4.981, 324.695


 48, 20.937,
142.925


 53, 13.346,
325.152


 47, 29.540,
142.111


 54, 21.488,
325.528


 46, 37.882,
141.186


 56, 29.383,
325.846


 45, 45.756,
140.163

 58, 37.022,
326.118


 45, 52.906,
139.079


 60, 44.402,
326.351


 44, 59.034,
138.013

 62, 51.530,
326.551

 44, 63.818,
137.078

 63, 58.416,
326.725

 44, 67.050,
136.391

 65, 65.070,
326.875

Harmonies

Complementary

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



50, 3.567, 144.268



49, 3.580, 324.610

Rectangle

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



50, 3.567, 144.268



50, 3.567, 194.268



50, 3.567, 324.268



50, 3.567, 14.268

Sweetspot

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



50, 3.568, 144.268



64, 1.051, 144.592



50, 2.909, 109.784



34, 0.602, 144.612



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



50, 3.568, 144.268



63, 5.299, 144.205



50, 2.494, 163.439



25, 2.945, 144.184



45, 70.614, 136.016



87, 118.869, 136.016

Inverse Universe

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



49, 3.580, 324.610



62, 5.314, 324.669



49, 2.515, 343.864



25, 2.952, 324.689



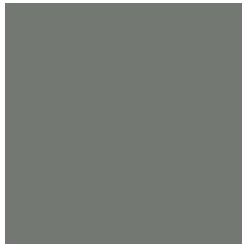
29, 68.131, 328.233



60, 114.689, 328.233

Previews

White Background



This preview shows how the CIE LCh color 50, 3.567, 144.268 looks on a white background.

Color Contrast Check

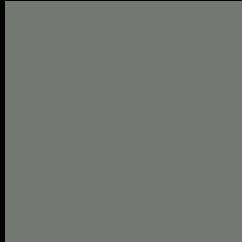
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.567, 144.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

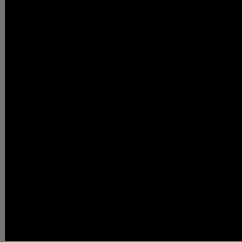
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

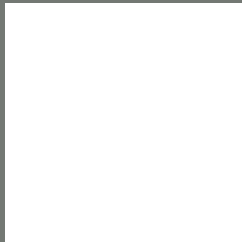
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 3.567, 144.268

Background



This preview shows how black text looks on a background with the CIELCh color 50, 3.567, 144.268.



This preview shows how white text looks on a background with the CIELCh color 50, 3.567, 144.268.

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, 3.567, 144.268

Protanopia

50, 2.839, 74.571

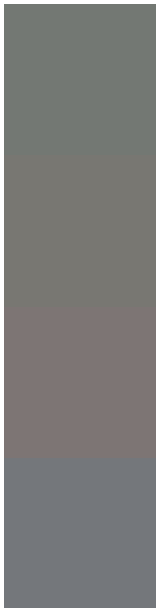
Deuteranopia

50, 6.623, 15.092



Tritanopia
50, 5.864, 287.151

Trichromacy



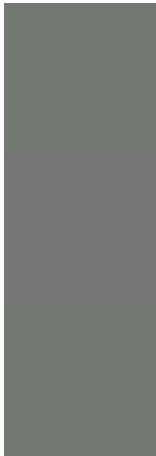
Original Color
50, 3.567, 144.268

Protanomaly
50, 2.936, 101.781

Deuteranomaly
50, 3.321, 29.757

Tritanomaly
50, 2.607, 263.525

Monochromacy



Original Color
50, 3.567, 144.268

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 1.423, 144.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 3.567, 144.268 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(115, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 120, 115)  
}
```

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(115, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 120, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 3.567, 144.268 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(115, 120, 115) }
```

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

```
.border{ border-color:rgb(115, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(115, 120,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 3.567, 144.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 120, 115) }
```

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

```
.background{ background-color: rgb(115,  
120, 115) }
```

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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