

Converting Colors

CIELCh(52, 10.568, 148.228)

Have a look what the booklet for
CIELCh(52, 10.568, 148.228)
contains.

CIELCh(52, 10.414, 147.303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 10.414, 147.303)

Conversions

Conversions Part 1	
Format	Color
Hex	708072
RGB	112, 128, 114
RGB Percent	44%, 50%, 45%
CMY	0.5603, 0.4975, 0.5524
CMYK	0.12, 0.00, 0.11, 0.50
HSL	127°, 7%, 47%
HSV	127°, 12%, 50%
XYZ	17.4800, 20.1443, 18.9255
YIQ	121.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

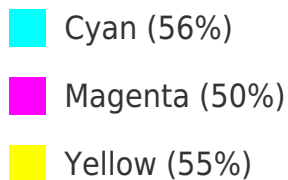
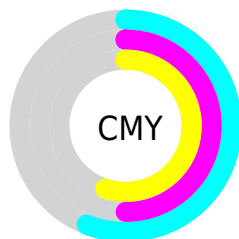
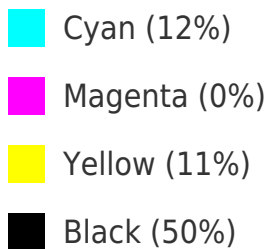
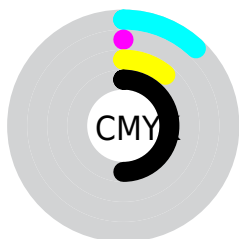
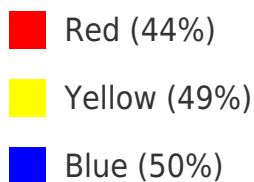
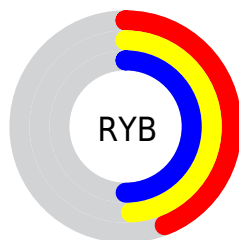
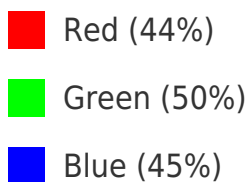
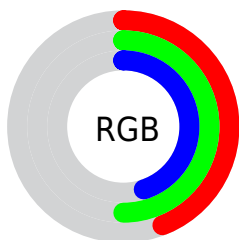
Format	Color
RYB	112, 126, 128
Decimal	7372914
CIELab	52.00, -8.76, 5.63
CIELCh	52, 10.414, 147.303
Yxy	20.1443, 0.3091, 0.3562
Android (android.graphics.Color)	4285562994 (0xFF708072)
YUV	121.6200, -3.7567, -8.4367
Hunter-Lab	44.8824, -9.0254, 6.4170

Details

The CIELCh color **52, 10.414, 147.303** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 10.438, 328.728**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 10.421, 147.266**, and **32, 10.587, 147.181** is the 20% darker color. If you saturate the color by 10%, you get **51, 18.817, 146.574**, and if you desaturate by 10%, it is **53, 2.059, 148.003**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 10.414, 147.303 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 52, 10.414, 147.303 by changing the saturation by 10% instead.


 52, 10.414,
147.303


 52, 10.414,
147.303


 100, 10.414,
147.303


 42, 10.414,
147.303


 72, 10.414,
147.303

 32, 10.414,
147.303

 82, 10.414,
147.303


 22, 10.414,
147.303


 92, 10.414,
147.303


 12, 10.414,
147.303

 2, 10.414, 147.303


 0, 10.414, 147.303

 52, 10.414,
147.303


 52, 10.414,
147.303


 51, 18.817,
146.574

 53, 2.059, 148.003

 50, 27.158,
145.737

 55, 6.174, 328.402


 49, 35.301,
144.773


 56, 14.227,
328.882


 48, 43.083,
143.674


 58, 22.064,
329.287

 48, 50.313,
142.446

 60, 29.663,
329.639


 47, 56.786,
141.114

 61, 37.017,
329.946

 47, 62.287,
139.736


 63, 44.123,
330.217

 46, 66.612,

 65, 50.986,
330.456

138.403

 67, 57.616,
330.669

 46, 69.129,
137.645

Harmonies

Complementary

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



52, 10.414, 147.303



49, 10.438, 328.728

Rectangle

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



52, 10.414, 147.303



52, 10.414, 197.303



52, 10.414, 327.303



52, 10.414, 17.303

Sweetspot

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



52, 10.415, 147.303



67, 4.090, 147.870



53, 9.240, 113.815



35, 2.932, 147.823



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 10.415, 147.303



66, 15.459, 147.105



52, 7.278, 169.403



26, 4.671, 147.531



46, 68.870, 137.652



0, 0.000, 0.000

Inverse Universe

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



49, 10.438, 328.728



61, 15.491, 328.895



49, 7.465, 351.527



25, 4.682, 328.527



29, 62.869, 333.727



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 10.414, 147.303 looks on a white background.

Color Contrast Check

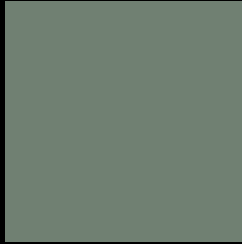
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 10.414, 147.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

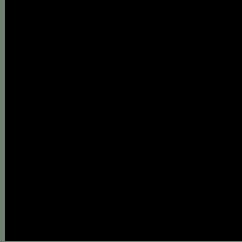
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 10.414, 147.303

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.414, 147.303.



This preview shows how white text looks on a background with the CIELCh color 52, 10.414, 147.303.

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


52, 10.414, 147.303

Protanopia

52, 6.829, 87.907

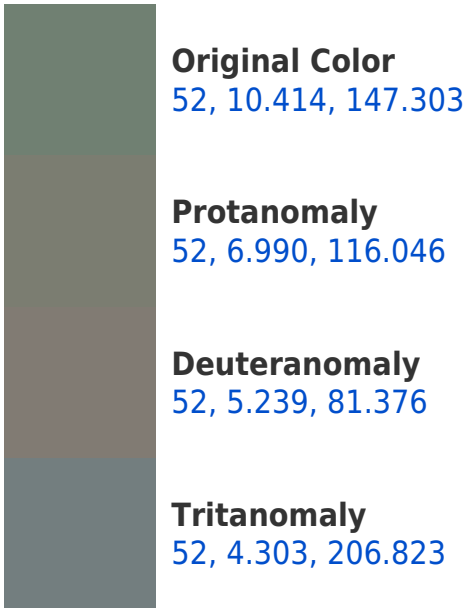
Deuteranopia

52, 8.252, 36.396

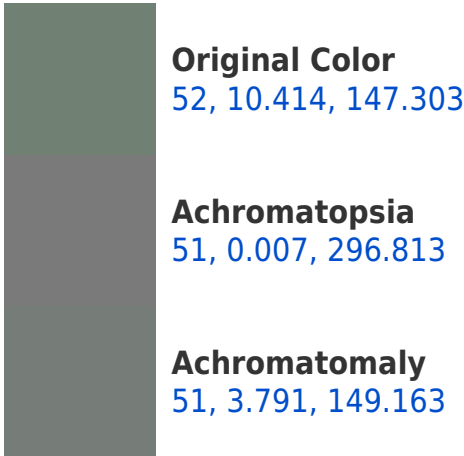


Tritanopia
52, 6.664, 260.113

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.414, 147.303 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(112, 128, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 114)  
}
```

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(112, 128, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.414, 147.303 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(112, 128, 114) }
```

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

```
.border{ border-color:rgb(112, 128, 114) }
```

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

Here you see how a box with a 4 pixel rgb(112, 128, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.414, 147.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 114) }
```

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

```
.background{ background-color: rgb(112,  
128, 114) }
```

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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