

Converting Colors

CIELCh(47, 12.315, 352.609)

Have a look what the booklet for
CIELCh(47, 12.315, 352.609)
contains.

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Color

CIELCh(47, 12.602, 353.210)

Conversions

Conversions Part 1

Format	Color
Hex	836872
RGB	131, 104, 114
RGB Percent	51%, 41%, 45%
CMY	0.4852, 0.5911, 0.5519
CMYK	0.00, 0.21, 0.13, 0.49
HSL	338°, 11%, 46%
HSV	338°, 21%, 51%
XYZ	17.4294, 16.0195, 18.1701
YIQ	113.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

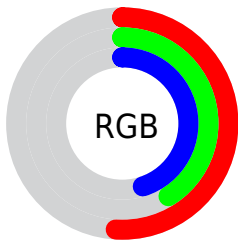
Format	Color
R_{YB}	131, 104, 114
Decimal	8611954
CIE _{Lab}	47.00, 12.51, -1.49
CIE _{LCh}	47, 12.602, 353.210
Yxy	16.0195, 0.3377, 0.3103
Android (android.graphics.Color)	4286802034 (0xFF836872)
YUV	113.2130, 0.3880, 15.5992
Hunter-Lab	40.0243, 7.6890, 1.1007

Details

The CIELCh color $47, 12.602, 353.210$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 12.060, 169.434$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 12.701, 352.165$, and $27, 12.328, 353.751$ is the 20% darker color. If you saturate the color by 10%, you get $43, 18.942, 354.385$, and if you desaturate by 10%, it is $51, 6.379, 352.174$.

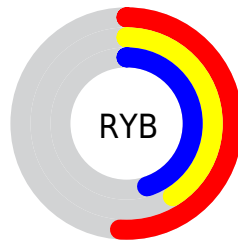
Distribution



Red (51%)

Green (41%)

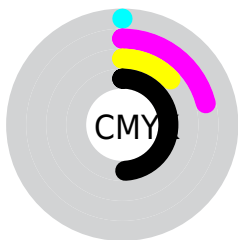
Blue (45%)



Red (51%)

Yellow (41%)

Blue (45%)

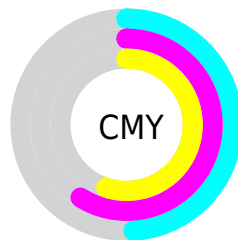


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (49%)



Cyan (49%)


Magenta (59%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 12.602, 353.210 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 47, 12.602, 353.210 by changing the saturation by 10% instead.


 47, 12.602,
353.210


 47, 12.602,
353.210


 100, 12.602,
353.210


 37, 12.602,
353.210

 67, 12.602,
353.210


 27, 12.602,
353.210

 77, 12.602,
353.210

 17, 12.602,
353.210


 87, 12.602,
353.210

 7, 12.602, 353.210

 97, 12.602,
353.210

 0, 12.602, 353.210

 47, 12.602,

 47, 12.602,

353.210

353.210

43, 18.942,
354.385

51, 6.379, 352.174

40, 25.293,
355.749

55, 0.345, 350.367

37, 31.480,
357.373

59, 5.470, 170.589

34, 37.267,
359.350

63, 11.055,
169.833

31, 42.373, 1.804

66, 16.413,
169.164

29, 46.526, 4.888

70, 21.553,
168.554

28, 49.575, 8.760

74, 26.491,
167.994

27, 51.932, 12.845

78, 31.241,
167.477

82, 35.820,

Harmonies

Complementary

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



47, 12.602, 353.210



53, 12.060, 169.434

Rectangle

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



47, 12.602, 353.210



47, 12.602, 43.210



47, 12.602, 173.210



47, 12.602, 223.210

Sweetspot

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



47, 12.600, 353.213



67, 4.457, 351.725



47, 17.349, 313.881



35, 2.982, 351.781



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 12.600, 353.213



58, 19.110, 353.779



48, 10.375, 30.785



26, 3.422, 352.030



27, 51.577, 12.792



0, 0.808, 351.276

Inverse Universe

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



47, 12.600, 353.213



58, 19.110, 353.779



52, 9.068, 210.253



26, 3.422, 352.030



27, 51.577, 12.792



0, 0.808, 351.276

Previews

White Background



This preview shows how the CIELCh color 47, 12.602, 353.210 looks on a white background.

Color Contrast Check

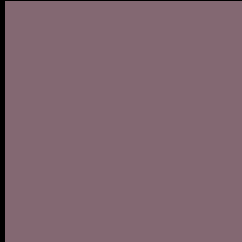
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 12.602, 353.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

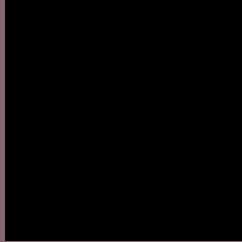
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 12.602, 353.210

Background



This preview shows how black text looks on a background with the CIELCh color 47, 12.602, 353.210.



This preview shows how white text looks on a background with the CIELCh color 47, 12.602, 353.210.

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

47, 12.602, 353.210

Protanopia

47, 4.172, 296.217

Deuteranopia

47, 6.411, 346.623



Tritanopia
47, 11.753, 357.342

Trichromacy



Original Color
47, 12.602, 353.210

Protanomaly
47, 6.253, 330.991

Deuteranomaly
47, 8.484, 351.363

Tritanomaly
47, 11.753, 357.342

Monochromacy



Original Color
47, 12.602, 353.210

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 4.477, 356.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 12.602, 353.210 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(131, 104, 114)` looks like.

```
.text, #text, p{  
    color:rgb(131, 104, 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(131, 104, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 104, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 12.602, 353.210 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(131, 104, 114) }
```

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

```
.border{ border-color:rgb(131, 104, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 104, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 104, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 104, 114);  
box-shadow:4px 4px 4px 4px rgb(131, 104,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 12.602, 353.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 104, 114) }
```

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

```
.background{ background-color: rgb(131,  
104, 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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