

Converting Colors

CIELCh(62, 12.639, 82.953)

Have a look what the booklet for
CIELCh(62, 12.639, 82.953) contains.

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Color

CIELCh(62, 12.591, 81.663)

Conversions

Conversions Part 1

Format	Color
Hex	A29480
RGB	162, 148, 128
RGB Percent	64%, 58%, 50%
CMY	0.3649, 0.4197, 0.4982
CMYK	0.00, 0.09, 0.21, 0.36
HSL	35°, 15%, 57%
HSV	35°, 21%, 64%
XYZ	29.3700, 30.4025, 24.7295
YIQ	149.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

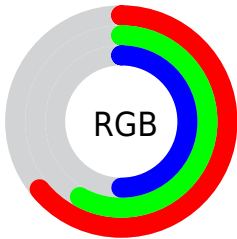
Format	Color
RYB	152, 162, 128
Decimal	10654848
CIELab	62.00, 1.83, 12.46
CIELCh	62, 12.591, 81.663
Yxy	30.4025, 0.3476, 0.3598
Android (android.graphics.Color)	4288844928 (0xFFA29480)
YUV	149.9060, -10.7997, 10.6064
Hunter-Lab	55.1385, -1.4128, 12.0056

Details

The CIELCh color $62, 12.591, 81.663$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $59, 12.271, 267.379$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.494, 81.723$, and $42, 12.366, 80.147$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.887, 80.361$, and if you desaturate by 10%, it is $64, 6.487, 82.937$.

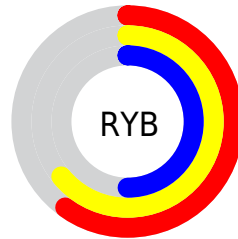
Distribution



Red (64%)

Green (58%)

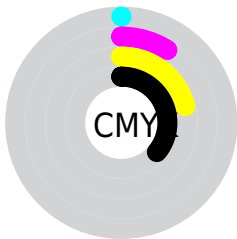
Blue (50%)



Red (60%)

Yellow (64%)

Blue (50%)

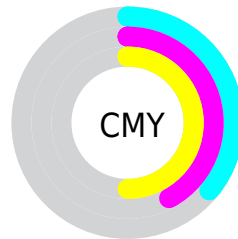


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.591, 81.663 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 62, 12.591, 81.663 by changing the saturation by 10% instead.

■ 62, 12.591, 81.663

■ 62, 12.591, 81.663

■ 100, 12.591,
81.663

■ 52, 12.591, 81.663

■ 82, 12.591, 81.663

■ 42, 12.591, 81.663

■ 92, 12.591, 81.663

■ 32, 12.591, 81.663

■ 22, 12.591, 81.663

■ 12, 12.591, 81.663

■ 2, 12.591, 81.663

■ 0, 12.591, 81.663

■ 62, 12.591, 81.663

■ 62, 12.591, 81.663

■ 60, 18.887, 80.361

■ 64, 6.487, 82.937

58, 25.361, 79.013

66, 0.570, 83.773

56, 31.969, 77.628

69, 5.171, 265.473

54, 38.612, 76.189

71, 10.749,
266.604

52, 45.082, 74.655

73, 16.180,
267.703

50, 51.000, 72.930

48, 55.748, 70.837

75, 21.477,
268.757

47, 59.042, 68.691

78, 26.655,
269.762

80, 30.517,
269.526

82, 28.076,
262.197

Harmonies

Complementary

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



62, 12.591, 81.663



59, 12.271, 267.379

Rectangle

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



62, 12.591, 81.663



62, 12.591, 131.663



62, 12.591, 261.663



62, 12.591, 311.663

Sweetspot

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



62, 12.592, 81.672



83, 4.366, 83.517



57, 15.673, 350.353



44, 2.922, 83.447



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 12.592, 81.672



78, 18.780, 81.089



66, 18.718, 111.727



33, 3.350, 83.146



42, 54.505, 69.030



3, 4.915, 78.919

Inverse Universe

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



59, 12.271, 267.379



73, 18.186, 268.159



55, 19.623, 295.455



33, 3.320, 265.600



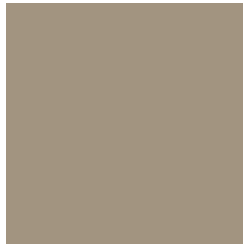
27, 55.161, 290.761



2, 5.359, 267.834

Previews

White Background



This preview shows how the CIELCh color 62, 12.591, 81.663 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 12.591, 81.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

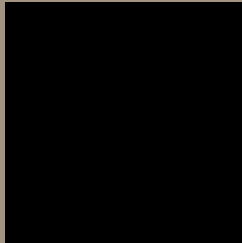
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.591, 81.663

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.591, 81.663.



This preview shows how white text looks on a background with the CIELCh color 62, 12.591, 81.663.

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

62, 12.591, 81.663

Protanopia

62, 11.636, 92.597

Deuteranopia

62, 14.413, 55.573



Tritanopia
62, 10.225, 343.393

Trichromacy



Original Color
62, 12.591, 81.663

Protanomaly
62, 11.897, 88.781

Deuteranomaly
62, 13.120, 62.731

Tritanomaly
62, 7.531, 20.085

Monochromacy



Original Color
62, 12.591, 81.663

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.370, 82.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.591, 81.663 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(162, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 128)  
}
```

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(162, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.591, 81.663 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(162, 148, 128) }
```

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

```
.border{ border-color:rgb(162, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.591, 81.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 128) }
```

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

```
.background{ background-color: rgb(162,  
148, 128) }
```

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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