

Converting Colors

CIELCh(62, 13.809, 53.937)

Have a look what the booklet for
CIELCh(62, 13.809, 53.937) contains.

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Color

CIELCh(62, 14.064, 53.846)

Conversions

Conversions Part 1

Format	Color
Hex	AC9082
RGB	172, 144, 130
RGB Percent	67%, 56%, 51%
CMY	0.3248, 0.4346, 0.4896
CMYK	0.00, 0.16, 0.24, 0.32
HSL	20°, 20%, 59%
HSV	20°, 24%, 68%
XYZ	31.0893, 30.4025, 25.4056
YIQ	150.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

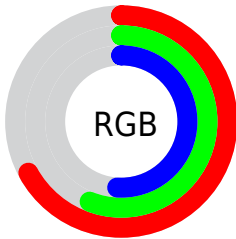
Format	Color
RYB	172, 151, 130
Decimal	11309186
CIELab	62.00, 8.30, 11.36
CIElCh	62, 14.064, 53.846
Yxy	30.4025, 0.3578, 0.3499
Android (android.graphics.Color)	4289499266 (0xFFAC9082)
YUV	150.7760, -10.2426, 18.6134
Hunter-Lab	55.1385, 4.1532, 11.2785

Details

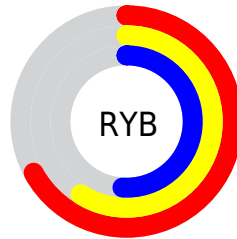
The CIELCh color $62, 14.064, 53.846$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $64, 12.342, 238.279$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.074, 54.140$, and $42, 13.918, 54.397$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.568, 53.214$, and if you desaturate by 10%, it is $65, 8.006, 54.547$.

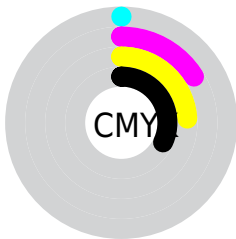
Distribution



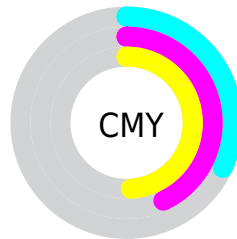
- Red (67%)
- Green (56%)
- Blue (51%)



- Red (67%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 14.064, 53.846 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, 14.064, 53.846 by changing the saturation by 10% instead.

■ 62, 14.064, 53.846

■ 62, 14.064, 53.846

■ 100, 14.064,
53.846

■ 52, 14.064, 53.846

■ 82, 14.064, 53.846

■ 42, 14.064, 53.846

■ 92, 14.064, 53.846

■ 32, 14.064, 53.846

■ 22, 14.064, 53.846

■ 12, 14.064, 53.846

■ 2, 14.064, 53.846

■ 0, 14.064, 53.846

■ 62, 14.064, 53.846

■ 62, 14.064, 53.846

■ 59, 20.568, 53.214

■ 65, 8.006, 54.547

55, 27.541, 52.649

69, 2.360, 55.179

52, 34.977, 52.172

72, 2.915, 236.304

49, 42.812, 51.774

76, 7.861, 237.017

47, 50.867, 51.397

79, 12.515,
237.808

44, 58.720, 50.875

83, 16.914,
238.605

42, 65.510, 49.831

41, 69.039, 49.318

87, 21.088,
239.395

90, 22.036,
225.114

93, 23.932,
207.400

Harmonies

Complementary

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



62, 14.064, 53.846



64, 12.342, 238.279

Rectangle

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



62, 14.064, 53.846



62, 14.064, 103.846



62, 14.064, 233.846



62, 14.064, 283.846

Sweetspot

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



62, 14.064, 53.855



86, 4.705, 55.039



59, 22.539, 337.434



45, 3.059, 55.004



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 14.064, 53.855



77, 21.126, 53.519



68, 19.363, 99.626



35, 3.109, 54.899



36, 62.271, 49.713



3, 6.427, 48.088

Inverse Universe

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



64, 12.342, 238.279



79, 17.969, 239.002



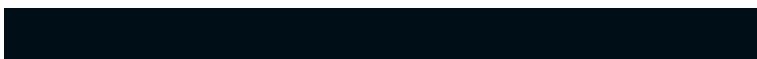
58, 20.017, 285.495



35, 2.972, 236.607



40, 34.631, 261.176



4, 6.548, 247.108

Previews

White Background



This preview shows how the CIELCh color 62, 14.064, 53.846 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, 14.064, 53.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

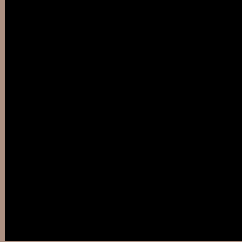
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 14.064, 53.846

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.064, 53.846.



This preview shows how white text looks on a background with the CIELCh color 62, 14.064, 53.846.

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, 14.064, 53.846

Protanopia

62, 9.895, 92.467

Deuteranopia

62, 14.064, 53.846



Tritanopia
62, 14.686, 356.259

Trichromacy



Original Color
62, 14.064, 53.846

Protanomaly
62, 10.853, 74.794

Deuteranomaly
62, 14.064, 53.846

Tritanomaly
62, 12.861, 15.722

Monochromacy



Original Color
62, 14.064, 53.846

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.178, 59.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.064, 53.846 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(172, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 130)  
}
```

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(172, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.064, 53.846 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(172, 144, 130) }
```

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

```
.border{ border-color:rgb(172, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.064, 53.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 130) }
```

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

```
.background{ background-color: rgb(172,  
144, 130) }
```

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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