

Converting Colors

CIELCh(62, 11.756, 43.498)

Have a look what the booklet for
CIELCh(62, 11.756, 43.498) contains.

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Color

CIELCh(62, 11.920, 42.240)

Conversions

Conversions Part 1

Format	Color
Hex	AB9088
RGB	171, 144, 136
RGB Percent	67%, 56%, 53%
CMY	0.3292, 0.4351, 0.4665
CMYK	0.00, 0.16, 0.20, 0.33
HSL	14°, 17%, 60%
HSV	14°, 20%, 67%
XYZ	31.2324, 30.4025, 27.5315
YIQ	151.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

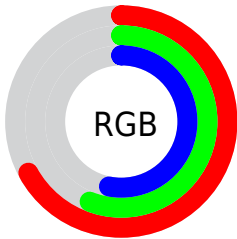
Format	Color
RYB	171, 146, 136
Decimal	11243656
CIELab	62.00, 8.82, 8.01
CIElCh	62, 11.920, 42.240
Yxy	30.4025, 0.3503, 0.3410
Android (android.graphics.Color)	4289433736 (0xFFAB9088)
YUV	151.1610, -7.4744, 17.3988
Hunter-Lab	55.1385, 4.6164, 8.9926

Details

The CIELCh color **62, 11.920, 42.240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65, 10.471, 223.929**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.061, 43.221**, and **42, 11.817, 44.463** is the 20% darker color. If you saturate the color by 10%, you get **58, 18.481, 42.145**, and if you desaturate by 10%, it is **66, 5.855, 42.440**.

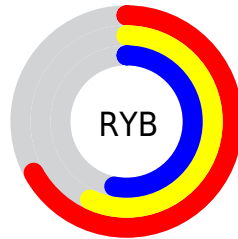
Distribution



Red (67%)

Green (56%)

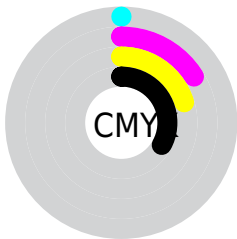
Blue (53%)



Red (67%)

Yellow (57%)

Blue (53%)

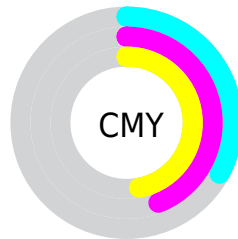


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 11.920, 42.240 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, 11.920, 42.240 by changing the saturation by 10% instead.

■ 62, 11.920, 42.240

■ 62, 11.920, 42.240

■ 100, 11.920,
42.240

■ 52, 11.920, 42.240

■ 82, 11.920, 42.240

■ 42, 11.920, 42.240

■ 92, 11.920, 42.240

■ 32, 11.920, 42.240

■ 22, 11.920, 42.240

■ 12, 11.920, 42.240

■ 2, 11.920, 42.240

■ 0, 11.920, 42.240

■ 62, 11.920, 42.240

■ 62, 11.920, 42.240

■ 58, 18.481, 42.145

■ 66, 5.855, 42.440

55, 25.569, 42.175

70, 0.247, 40.912

51, 33.184, 42.375

74, 4.948, 223.312

48, 41.285, 42.767

78, 9.778, 223.686

45, 49.741, 43.337

82, 14.284,
224.121

42, 58.245, 43.985

86, 18.506,
224.582

40, 66.108, 44.404

90, 22.349,
224.047

38, 72.503, 44.608

93, 24.804,
204.399

95, 26.469,
197.785

Harmonies

Complementary

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



62, 11.920, 42.240



65, 10.471, 223.929

Rectangle

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



62, 11.920, 42.240



62, 11.920, 92.240



62, 11.920, 222.240



62, 11.920, 272.240

Sweetspot

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



62, 11.919, 42.250



85, 4.077, 42.508



61, 20.375, 332.402



45, 2.733, 42.503



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, 11.919, 42.250



76, 18.360, 42.184



67, 14.382, 92.431



35, 3.188, 42.462



33, 65.605, 44.792



3, 6.663, 37.919

Inverse Universe

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



65, 10.471, 223.929



81, 15.567, 224.290



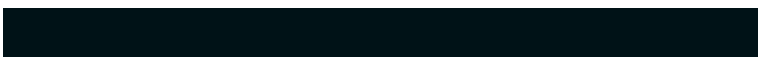
61, 14.482, 277.715



36, 3.017, 223.332



45, 30.130, 240.984



4, 6.392, 232.493

Previews

White Background



This preview shows how the CIELCh color 62, 11.920, 42.240 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, 11.920, 42.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

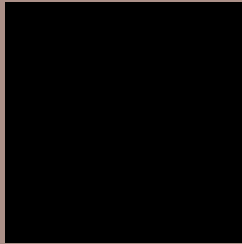
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.920, 42.240

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.920, 42.240.



This preview shows how white text looks on a background with the CIELCh color 62, 11.920, 42.240.

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, 11.920, 42.240

Protanopia

62, 6.068, 86.341

Deuteranopia

62, 11.395, 46.269



Tritanopia
62, 13.596, 353.983

Trichromacy



Original Color
62, 11.920, 42.240

Protanomaly
62, 7.552, 61.409

Deuteranomaly
62, 11.395, 46.269

Tritanomaly
62, 11.723, 9.626

Monochromacy



Original Color
62, 11.920, 42.240

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.078, 35.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.920, 42.240 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(171, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 136)  
}
```

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(171, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.920, 42.240 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(171, 144, 136) }
```

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

```
.border{ border-color:rgb(171, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.920, 42.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 136) }
```

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

```
.background{ background-color: rgb(171,  
144, 136) }
```

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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