

Converting Colors

CIELCh(62, 11.745, 26.017)

Have a look what the booklet for
CIELCh(62, 11.745, 26.017) contains.

CIELCh(62, 11.751, 25.932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 11.751, 25.932)

Conversions

Conversions Part 1

Format	Color
Hex	AC8F8D
RGB	172, 143, 141
RGB Percent	67%, 56%, 55%
CMY	0.3249, 0.4386, 0.4465
CMYK	0.00, 0.17, 0.18, 0.32
HSL	4°, 16%, 61%
HSV	4°, 18%, 68%
XYZ	31.7081, 30.4025, 29.4516
YIQ	151.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

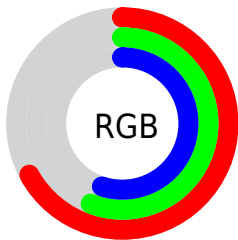
Format	Color
R_{YB}	172, 143, 141
Decimal	11308941
CIE _{Lab}	62.00, 10.57, 5.14
CIE _{LCh}	62, 11.751, 25.932
Yxy	30.4025, 0.3463, 0.3320
Android (android.graphics.Color)	4289499021 (0xFFAC8F8D)
YUV	151.4430, -5.1484, 18.0285
Hunter-Lab	55.1385, 6.1565, 6.9279

Details

The CIELCh color $62, 11.751, 25.932$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 10.434, 204.690$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 11.753, 25.388$, and $42, 11.497, 26.842$ is the 20% darker color. If you saturate the color by 10%, you get $57, 19.019, 26.664$, and if you desaturate by 10%, it is $67, 5.020, 25.367$.

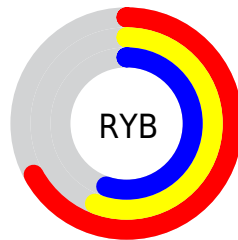
Distribution



Red (67%)

Green (56%)

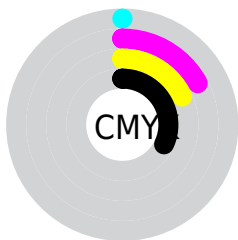
Blue (55%)



Red (67%)

Yellow (56%)

Blue (55%)

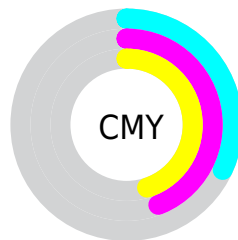


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (32%)



Cyan (32%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 11.751, 25.932 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, 11.751, 25.932 by changing the saturation by 10% instead.

■ 62, 11.751, 25.932

■ 62, 11.751, 25.932

■ 100, 11.751,
25.932

■ 52, 11.751, 25.932

■ 82, 11.751, 25.932

■ 42, 11.751, 25.932

■ 92, 11.751, 25.932

■ 32, 11.751, 25.932

■ 22, 11.751, 25.932

■ 12, 11.751, 25.932

■ 2, 11.751, 25.932

■ 0, 11.751, 25.932

■ 62, 11.751, 25.932

■ 62, 11.751, 25.932

■ 57, 19.019, 26.664

■ 67, 5.020, 25.367

53, 26.828, 27.628

71, 1.197, 205.508

49, 35.131, 28.908

76, 6.943, 204.899

45, 43.820, 30.584

81, 12.265,
204.683

42, 52.702, 32.709

86, 17.212,
204.549

39, 61.457, 35.244

37, 69.477, 37.895

91, 21.829,
204.466

36, 75.757, 40.142

95, 26.170,
197.804

36, 76.916, 40.696

Harmonies

Complementary

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



62, 11.751, 25.932



68, 10.434, 204.690

Rectangle

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



62, 11.751, 25.932



62, 11.751, 75.932



62, 11.751, 205.932



62, 11.751, 255.932

Sweetspot

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



62, 11.750, 25.941



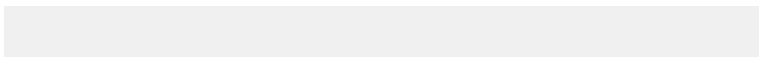
86, 3.842, 25.186



62, 20.225, 326.794



45, 2.625, 25.232



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, 11.750, 25.941



77, 18.121, 26.233



66, 10.975, 78.352



34, 3.587, 25.440



31, 69.107, 40.433



2, 7.406, 24.036

Inverse Universe

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



68, 10.434, 204.690



85, 15.590, 204.592



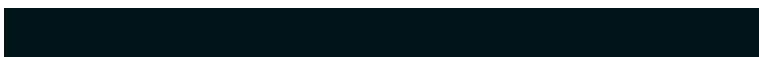
63, 10.630, 263.197



36, 3.381, 204.952



53, 31.146, 207.157



6, 7.137, 207.979

Previews

White Background



This preview shows how the CIELCh color 62, 11.751, 25.932 looks on a white background.

Color Contrast Check

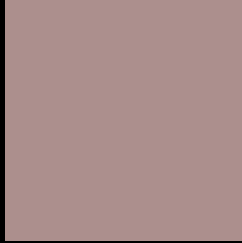
Large Text (above 18pt) WCAG AA × Fail

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, 11.751, 25.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

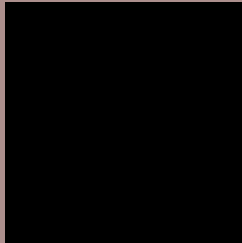
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.751, 25.932

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.751, 25.932.



This preview shows how white text looks on a background with the CIELCh color 62, 11.751, 25.932.

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, 11.751, 25.932

Protanopia

62, 2.959, 68.418

Deuteranopia

62, 9.517, 33.738



Tritanopia
62, 14.325, 355.539

Trichromacy



Original Color
62, 11.751, 25.932

Protanomaly
62, 5.790, 36.629

Deuteranomaly
62, 10.607, 29.408

Tritanomaly
62, 12.723, 5.472

Monochromacy



Original Color
62, 11.751, 25.932

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.950, 27.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.751, 25.932 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, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 141)  
}
```

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, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.751, 25.932 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, 143, 141) }
```

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

```
.border{ border-color:rgb(172, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.751, 25.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 141) }
```

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

```
.background{ background-color: rgb(172,  
143, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor