

# Converting Colors

CIELCh(62, 25.395, 40.965)

Have a look what the booklet for  
CIELCh(62, 25.395, 40.965) contains.

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# Color

**CIELCh(62, 25.387, 41.820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C08979
RGB	192, 137, 121
RGB Percent	75%, 54%, 47%
CMY	0.2478, 0.4634, 0.5261
CMYK	0.00, 0.29, 0.37, 0.25
HSL	14°, 36%, 61%
HSV	14°, 37%, 75%
XYZ	34.0547, 30.4025, 22.1102
YIQ	151.6210, 37.9160, 6.6840

# Conversions

## Conversions Part 2

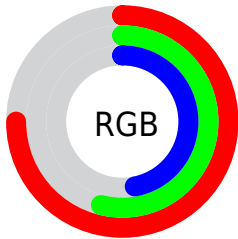
Format	Color
<a href="#">RYB</a>	<a href="#">192, 142, 121</a>
Decimal	<a href="#">12618105</a>
CIELab	<a href="#">62.00, 18.92, 16.93</a>
CIElCh	<a href="#">62, 25.387, 41.820</a>
Yxy	<a href="#">30.4025, 0.3934, 0.3512</a>
Android (android.graphics.Color)	<a href="#">4290808185 (0xFFC08979)</a>
YUV	<a href="#">151.6210, -15.0962, 35.4124</a>
Hunter-Lab	<a href="#">55.1385, 13.7530, 14.8220</a>

# Details

The CIELCh color  $62, 25.387, 41.820$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $69, 19.642, 224.951$ , and the grayscale version is  $63, 0.008, 296.813$ .

A 20% lighter version of the original color is  $82, 25.485, 42.668$ , and  $42, 25.601, 42.472$  is the 20% darker color. If you saturate the color by 10%, you get  $58, 33.583, 41.994$ , and if you desaturate by 10%, it is  $66, 17.778, 41.823$ .

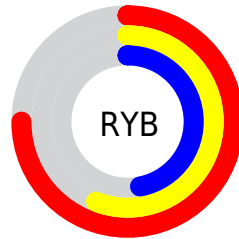
# Distribution



Red (75%)

Green (54%)

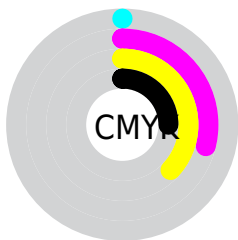
Blue (47%)



Red (75%)

Yellow (56%)

Blue (47%)

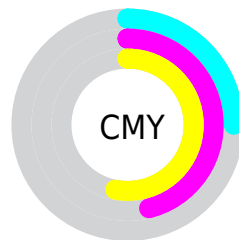


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 25.387, 41.820 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, 25.387, 41.820 by changing the saturation by 10% instead.



62, 25.387, 41.820

62, 25.387, 41.820

100, 25.387,  
41.820

52, 25.387, 41.820

82, 25.387, 41.820

42, 25.387, 41.820

92, 25.387, 41.820

32, 25.387, 41.820

22, 25.387, 41.820

12, 25.387, 41.820

2, 25.387, 41.820

0, 25.387, 41.820

62, 25.387, 41.820

62, 25.387, 41.820

58, 33.583, 41.994

66, 17.778, 41.823

54, 42.339, 42.355

70, 10.745, 41.947

51, 51.546, 42.912

75, 4.250, 42.121

48, 60.933, 43.598

79, 1.753, 222.867

45, 69.885, 44.174

83, 7.316, 223.026

43, 77.225, 44.155

88, 12.490,  
223.421

43, 79.291, 44.267

92, 17.302,  
223.680

96, 20.564,  
198.152

# Harmonies

# Complementary

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



62, 25.387, 41.820



69, 19.642, 224.951

# Rectangle

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



62, 25.387, 41.820



62, 25.387, 91.820



62, 25.387, 221.820



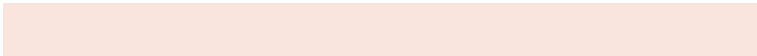
62, 25.387, 271.820

# Sweetspot

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



62, 25.386, 41.826



92, 8.416, 42.053



60, 40.288, 333.559



48, 5.685, 42.028



99, 0.012, 296.813



52, 0.007, 296.813



# Same Dimension

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



62, 25.386, 41.826



75, 38.613, 41.939



71, 28.848, 90.278



39, 3.503, 42.086



36, 69.192, 44.613



4, 12.263, 33.626





# Inverse Universe

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



69, 19.642, 224.951



85, 28.019, 225.894



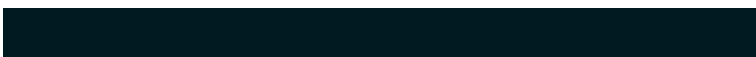
59, 29.286, 280.752



40, 3.311, 222.935



48, 31.565, 240.556

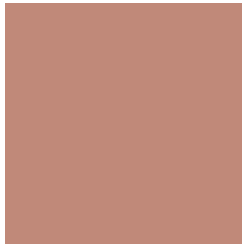


8, 10.339, 232.126



# Previews

## White Background



This preview shows how the CIELCh color 62, 25.387, 41.820 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, 25.387, 41.820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

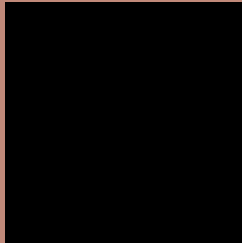
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 62, 25.387, 41.820

## Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.387, 41.820.



This preview shows how white text looks on a background with the CIELCh color 62, 25.387, 41.820.

# 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, 25.387, 41.820

### Protanopia

62, 13.239, 94.363

### Deuteranopia

62, 19.371, 65.806



**Tritanopia**  
62, 24.749, 9.228



# Trichromacy



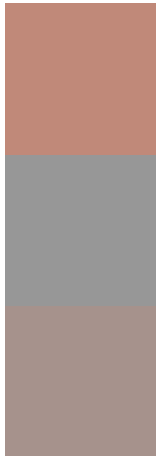
**Original Color**  
62, 25.387, 41.820

**Protanomaly**  
62, 15.394, 66.206

**Deuteranomaly**  
62, 20.913, 54.437

**Tritanomaly**  
62, 23.893, 20.581

# Monochromacy



**Original Color**  
62, 25.387, 41.820

**Achromatopsia**  
62, 0.008, 296.813

**Achromatomaly**  
62, 8.722, 42.572

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 25.387, 41.820 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(192, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 121)  
}
```

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(192, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 121) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 25.387, 41.820 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(192, 137, 121) }
```

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

```
.border{ border-color:rgb(192, 137, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
121) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 25.387, 41.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 121) }
```

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

```
.background{ background-color: rgb(192,  
137, 121) }
```

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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