

Converting Colors

CIELCh(62, 63.299, 90.689)

Have a look what the booklet for
CIELCh(62, 63.299, 90.689) contains.

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Color

CIELCh(62, 63.339, 90.792)

Conversions

Conversions Part 1

Format	Color
Hex	B19411
RGB	177, 148, 17
RGB Percent	69%, 58%, 7%
CMY	0.3075, 0.4211, 0.9319
CMYK	0.00, 0.16, 0.90, 0.31
HSL	49°, 82%, 38%
HSV	49°, 90%, 69%
XYZ	28.6715, 30.4025, 4.9022
YIQ	141.7370, 59.3350, -34.5930

Conversions

Conversions Part 2

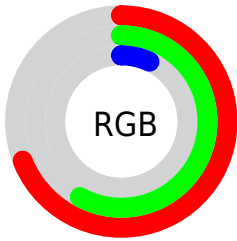
Format	Color
RYB	52, 177, 17
Decimal	11637777
CIELab	62.00, -0.88, 63.33
CIELCh	62, 63.339, 90.792
Yxy	30.4025, 0.4482, 0.4752
Android (android.graphics.Color)	4289827857 (0xFFB19411)
YUV	141.7370, -61.4953, 30.9257
Hunter-Lab	55.1385, -3.6739, 33.3256

Details

The CIELCh color **62, 63.339, 90.792** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **27, 81.899, 300.517**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 63.556, 91.131**, and **42, 49.484, 89.876** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.437, 89.486**, and if you desaturate by 10%, it is **63, 59.495, 92.059**.

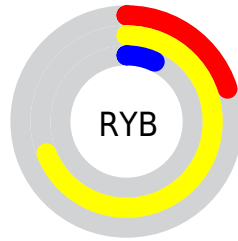
Distribution



 Red (69%)

 Green (58%)

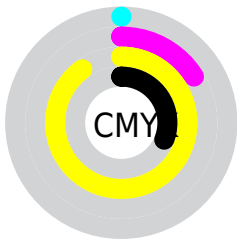
 Blue (7%)



 Red (20%)

 Yellow (69%)

 Blue (7%)

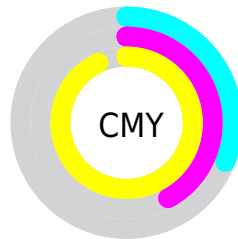



 Cyan (0%)

 Magenta (16%)

 Yellow (90%)

 Black (31%)



 Cyan (31%)

 Magenta (42%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 63.339, 90.792 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, 63.339, 90.792 by changing the saturation by 10% instead.

62, 63.339, 90.792

62, 63.339, 90.792

100, 63.339,
90.792

52, 63.339, 90.792

82, 63.339, 90.792

42, 63.339, 90.792

92, 63.339, 90.792

32, 63.339, 90.792

22, 63.339, 90.792

12, 63.339, 90.792

2, 63.339, 90.792

0, 63.339, 90.792

62, 63.339, 90.792

62, 63.339, 90.792

61, 65.437, 89.486

63, 59.495, 92.059

64, 53.928, 93.276

65, 47.209, 94.479

66, 39.806, 95.678

67, 32.034, 96.870

68, 24.088, 98.051

69, 16.081, 99.211

71, 8.081, 100.338

72, 0.123, 100.364

Harmonies

Complementary

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



62, 63.339, 90.792



27, 81.899, 300.517

Rectangle

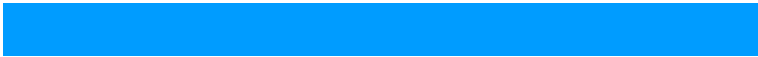
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 63.339, 90.792



62, 63.339, 140.792



62, 63.339, 270.792



62, 63.339, 320.792

Sweetspot

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



62, 63.338, 90.795



87, 26.677, 98.367



38, 66.135, 25.584



46, 17.960, 97.979



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 63.338, 90.795



78, 79.486, 89.220



66, 75.077, 119.766



37, 4.540, 100.430



53, 58.936, 89.658



7, 10.118, 96.635

Inverse Universe

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



27, 81.899, 300.517



33, 111.381, 303.339



26, 93.016, 308.636



35, 4.597, 282.574



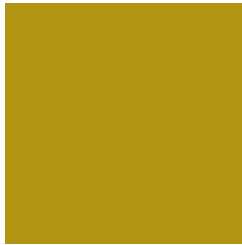
21, 80.477, 302.645



2, 11.502, 283.762

Previews

White Background



This preview shows how the CIELCh color 62, 63.339, 90.792 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, 63.339, 90.792 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, 63.339, 90.792

Background



This preview shows how black text looks on a background with the CIELCh color 62, 63.339, 90.792.

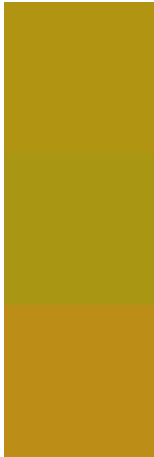


This preview shows how white text looks on a background with the CIELCh color 62, 63.339, 90.792.

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, 63.538, 90.807

Protanopia

62, 63.061, 95.083

Deuteranopia

62, 63.004, 82.773



Tritanopia
62, 20.026, 3.815

Trichromacy



Original Color
62, 63.538, 90.807

Protanomaly
62, 63.055, 93.351

Deuteranomaly
62, 62.895, 85.864

Tritanomaly
62, 29.616, 69.845

Monochromacy



Original Color
62, 63.538, 90.807

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 26.691, 96.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 63.339, 90.792 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(177, 148, 17)` looks like.

```
.text, #text, p{  
    color:rgb(177, 148, 17)  
}
```

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(177, 148, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 148, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 63.339, 90.792 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(177, 148, 17) }
```

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

```
.border{ border-color:rgb(177, 148, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 148, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 148, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 148, 17);  
box-shadow:4px 4px 4px 4px rgb(177, 148,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 63.339, 90.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 148, 17) }
```

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

```
.background{ background-color: rgb(177,  
148, 17) }
```

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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