

Converting Colors

CIELCh(62, 31.731, 55.952)

Have a look what the booklet for
CIELCh(62, 31.731, 55.952) contains.

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Color

CIELCh(62, 31.801, 55.937)

Conversions

Conversions Part 1

Format	Color
Hex	C28968
RGB	194, 137, 104
RGB Percent	76%, 54%, 41%
CMY	0.2388, 0.4624, 0.5918
CMYK	0.00, 0.29, 0.46, 0.24
HSL	22°, 42%, 58%
HSV	22°, 46%, 76%
XYZ	33.7371, 30.4025, 17.2110
YIQ	150.2810, 44.5650, 1.8210

Conversions

Conversions Part 2

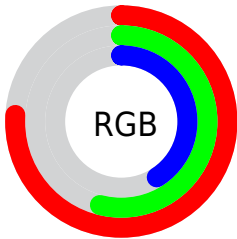
Format	Color
RYB	194, 156, 104
Decimal	12749160
CIELab	62.00, 17.81, 26.34
CIElCh	62, 31.801, 55.937
Yxy	30.4025, 0.4147, 0.3737
Android (android.graphics.Color)	4290939240 (0xFFC28968)
YUV	150.2810, -22.8165, 38.3416
Hunter-Lab	55.1385, 12.7247, 20.0901

Details

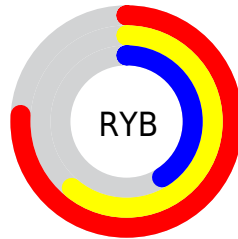
The CIELCh color **62, 31.801, 55.937** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 24.765, 246.915**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 31.804, 56.948**, and **42, 31.985, 56.264** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.979, 55.266**, and if you desaturate by 10%, it is **65, 24.089, 56.681**.

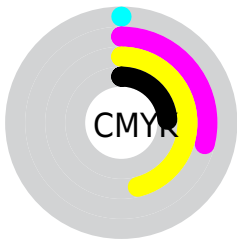
Distribution



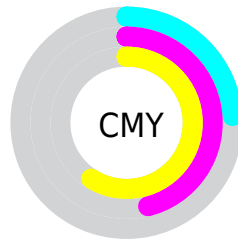
- Red (76%)
- Green (54%)
- Blue (41%)



- Red (76%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 31.801, 55.937 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, 31.801, 55.937 by changing the saturation by 10% instead.

62, 31.801, 55.937

62, 31.801, 55.937

100, 31.801,
55.937

52, 31.801, 55.937

82, 31.801, 55.937

42, 31.801, 55.937

92, 31.801, 55.937

32, 31.801, 55.937

22, 31.801, 55.937

12, 31.801, 55.937

2, 31.801, 55.937

0, 31.801, 55.937

62, 31.801, 55.937

62, 31.801, 55.937

59, 39.979, 55.266

65, 24.089, 56.681

56, 48.527, 54.631

69, 16.868, 57.479

53, 57.184, 53.952

72, 10.119, 58.317

50, 65.369, 53.017

76, 3.807, 59.133

48, 72.052, 51.427

80, 2.108, 240.380

47, 74.321, 50.905

84, 7.670, 241.141

87, 12.920,
242.030

91, 16.577,
236.651

94, 17.774,
210.592

Harmonies

Complementary

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



62, 31.801, 55.937



64, 24.765, 246.915

Rectangle

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



62, 31.801, 55.937



62, 31.801, 105.937



62, 31.801, 235.937



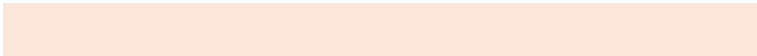
62, 31.801, 285.937

Sweetspot

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



62, 31.800, 55.942



93, 10.633, 58.499



56, 45.649, 341.043



49, 7.456, 58.313



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 31.800, 55.942



75, 49.244, 55.233



74, 41.559, 99.025



39, 3.417, 58.902



39, 64.287, 51.438



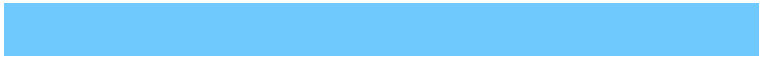
5, 11.633, 44.610

Inverse Universe

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



64, 24.765, 246.915



77, 35.865, 249.689



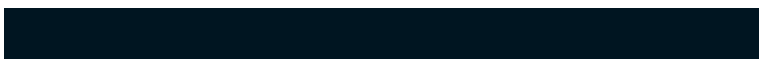
51, 45.396, 291.257



39, 3.279, 240.850



41, 38.754, 266.890



6, 11.147, 255.084

Previews

White Background



This preview shows how the CIELCh color 62, 31.801, 55.937 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 CIELCh color 62, 31.801, 55.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

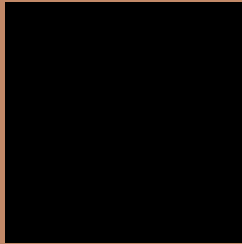
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.801, 55.937

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.801, 55.937.



This preview shows how white text looks on a background with the CIELCh color 62, 31.801, 55.937.

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, 31.801, 55.937

Protanopia

62, 22.720, 95.759

Deuteranopia

62, 27.827, 74.114



Tritanopia
62, 26.825, 10.521

Trichromacy



Original Color
62, 31.801, 55.937

Protanomaly
62, 24.124, 77.657

Deuteranomaly
62, 28.865, 66.821

Tritanomaly
62, 26.380, 29.215

Monochromacy



Original Color
62, 31.801, 55.937

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.936, 57.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.801, 55.937 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(194, 137, 104)` looks like.

```
.text, #text, p{  
    color:rgb(194, 137, 104)  
}
```

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(194, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 137, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.801, 55.937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

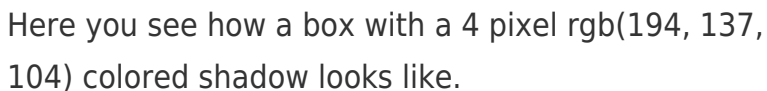
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 137, 104) }
```

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

```
.border{ border-color:rgb(194, 137, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 137, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 137, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 137, 104); box-shadow:4px 4px 4px 4px rgb(194, 137, 104) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.801, 55.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 137, 104) }
```

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

```
.background{ background-color: rgb(194,  
137, 104) }
```

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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