

Converting Colors

CIELCh(62, 29.560, 74.836)

Have a look what the booklet for
CIELCh(62, 29.560, 74.836) contains.

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Color

CIELCh(62, 29.518, 74.868)

Conversions

Conversions Part 1

Format	Color
Hex	B49064
RGB	180, 144, 100
RGB Percent	71%, 56%, 39%
CMY	0.2957, 0.4367, 0.6092
CMYK	0.00, 0.20, 0.45, 0.30
HSL	33°, 35%, 55%
HSV	33°, 45%, 70%
XYZ	30.9294, 30.4025, 16.2048
YIQ	149.7480, 35.5800, -6.0520

Conversions

Conversions Part 2

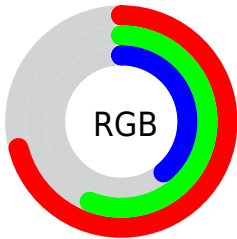
Format	Color
R _Y B	165, 180, 100
Decimal	11833444
CIE Lab	62.00, 7.71, 28.49
CIE LCh	62, 29.518, 74.868
Yxy	30.4025, 0.3989, 0.3921
Android (android.graphics.Color)	4290023524 (0xFFB49064)
YUV	149.7480, -24.5258, 26.5310
Hunter-Lab	55.1385, 3.6355, 21.1721

Details

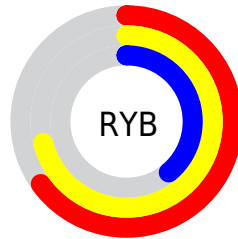
The CIELCh color **62, 29.518, 74.868** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 27.071, 268.615**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 29.672, 75.536**, and **42, 29.646, 75.566** is the 20% darker color. If you saturate the color by 10%, you get **60, 36.741, 73.499**, and if you desaturate by 10%, it is **64, 22.473, 76.213**.

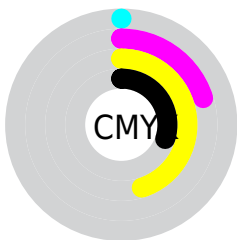
Distribution



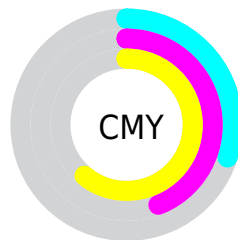
- Red (71%)
- Green (56%)
- Blue (39%)



- Red (65%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.518, 74.868 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, 29.518, 74.868 by changing the saturation by 10% instead.

■ 62, 29.518, 74.868

■ 62, 29.518, 74.868

■ 100, 29.518,
74.868

■ 52, 29.518, 74.868

■ 82, 29.518, 74.868

■ 42, 29.518, 74.868

■ 92, 29.518, 74.868

■ 32, 29.518, 74.868

■ 22, 29.518, 74.868

■ 12, 29.518, 74.868

■ 2, 29.518, 74.868

■ 0, 29.518, 74.868

■ 62, 29.518, 74.868

■ 62, 29.518, 74.868

■ 60, 36.741, 73.499

■ 64, 22.473, 76.213

57, 44.011, 72.065

67, 15.661, 77.524

55, 51.053, 70.504

69, 9.097, 78.800

53, 57.354, 68.676

72, 2.774, 79.983

51, 62.128, 66.325

75, 3.323, 261.405

50, 64.351, 64.959

77, 9.213, 262.527

80, 14.918,
263.650

83, 20.456,
264.732

85, 23.030,
261.494

Harmonies

Complementary

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



62, 29.518, 74.868



56, 27.071, 268.615

Rectangle

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



62, 29.518, 74.868



62, 29.518, 124.868



62, 29.518, 254.868



62, 29.518, 304.868

Sweetspot

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



62, 29.518, 74.873



89, 10.096, 78.961



52, 37.143, 351.257



46, 7.089, 78.689



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 29.518, 74.873



77, 44.342, 73.583



71, 42.282, 108.278



36, 3.495, 79.440



43, 57.085, 65.454



5, 7.730, 68.558

Inverse Universe

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



56, 27.071, 268.615



67, 39.961, 271.163



46, 47.499, 297.681



36, 3.446, 261.925



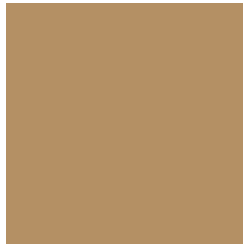
31, 53.597, 287.940



3, 9.194, 269.841

Previews

White Background



This preview shows how the CIELCh color 62, 29.518, 74.868 looks on a white background.

Color Contrast Check

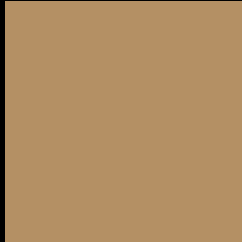
Large Text (above 18pt) WCAG AA × Fail

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, 29.518, 74.868 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, 29.518, 74.868

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.518, 74.868.



This preview shows how white text looks on a background with the CIELCh color 62, 29.518, 74.868.

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, 29.518, 74.868

Protanopia

62, 27.099, 96.126

Deuteranopia

62, 29.345, 73.653



Tritanopia
62, 19.641, 3.400

Trichromacy



Original Color
62, 29.518, 74.868

Protanomaly
62, 27.589, 88.787

Deuteranomaly
62, 29.345, 73.653

Tritanomaly
62, 18.702, 36.516

Monochromacy



Original Color
62, 29.518, 74.868

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.417, 78.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.518, 74.868 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(180, 144, 100)` looks like.

```
.text, #text, p{  
    color:rgb(180, 144, 100)  
}
```

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(180, 144, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 144, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.518, 74.868 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(180, 144, 100) }
```

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

```
.border{ border-color:rgb(180, 144, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 144, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 144, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 144, 100);  
box-shadow:4px 4px 4px 4px rgb(180, 144,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.518, 74.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 144, 100) }
```

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

```
.background{ background-color: rgb(180,  
144, 100) }
```

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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