

Converting Colors

CIELCh(61, 28.328, 38.938)

Have a look what the booklet for
CIELCh(61, 28.328, 38.938) contains.

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Color

CIELCh(61, 28.279, 38.932)

Conversions

Conversions Part 1

Format	Color
Hex	C28475
RGB	194, 132, 117
RGB Percent	76%, 52%, 46%
CMY	0.2393, 0.4824, 0.5412
CMYK	0.00, 0.32, 0.40, 0.24
HSL	12°, 39%, 61%
HSV	12°, 40%, 76%
XYZ	33.7016, 29.2481, 20.6933
YIQ	148.8280, 41.7670, 8.4790

Conversions

Conversions Part 2

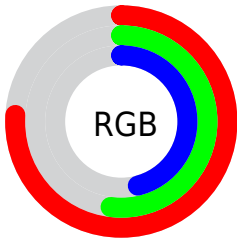
Format	Color
RYB	194, 136, 117
Decimal	12747893
CIELab	61.00, 22.00, 17.77
CIElCh	61, 28.279, 38.932
Yxy	29.2481, 0.4029, 0.3497
Android (android.graphics.Color)	4290937973 (0xFFC28475)
YUV	148.8280, -15.6912, 39.6158
Hunter-Lab	54.0815, 16.5917, 15.1709

Details

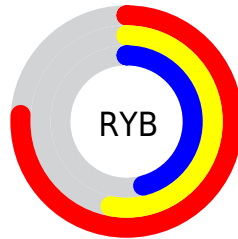
The CIELCh color **61, 28.279, 38.932** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 21.239, 220.968**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.316, 38.563**, and **41, 28.087, 38.763** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.857, 39.378**, and if you desaturate by 10%, it is **65, 20.295, 38.699**.

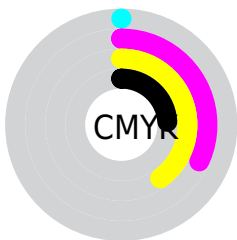
Distribution



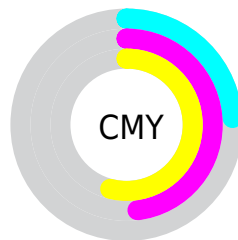
- Red (76%)
- Green (52%)
- Blue (46%)



- Red (76%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 28.279, 38.932 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 61, 28.279, 38.932 by changing the saturation by 10% instead.

61, 28.279, 38.932

61, 28.279, 38.932

100, 28.279,
38.932

51, 28.279, 38.932

81, 28.279, 38.932

41, 28.279, 38.932

91, 28.279, 38.932

31, 28.279, 38.932

21, 28.279, 38.932

11, 28.279, 38.932

1, 28.279, 38.932

0, 28.279, 38.932

61, 28.279, 38.932

61, 28.279, 38.932

57, 36.857, 39.378

65, 20.295, 38.699

53, 45.977, 40.053

70, 12.912, 38.620

50, 55.484, 40.960

74, 6.099, 38.640

47, 65.025, 42.003

79, 0.188, 221.726

44, 73.814, 42.855

83, 5.999, 219.220

43, 80.826, 43.233

88, 11.389,
219.469

43, 81.041, 43.265

92, 16.406,
219.783

96, 19.920,
198.192

Harmonies

Complementary

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



61, 28.279, 38.932



69, 21.239, 220.968

Rectangle

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



61, 28.279, 38.932



61, 28.279, 88.932



61, 28.279, 218.932



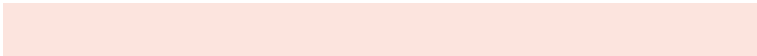
61, 28.279, 268.932

Sweetspot

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



61, 28.278, 38.937



92, 9.447, 38.632



59, 44.497, 332.480



49, 6.352, 38.627



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 28.278, 38.937



73, 43.931, 39.327



70, 30.424, 87.327



39, 3.560, 38.641



35, 70.101, 43.564



4, 12.449, 31.480

Inverse Universe

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



69, 21.239, 220.968



86, 30.473, 221.957



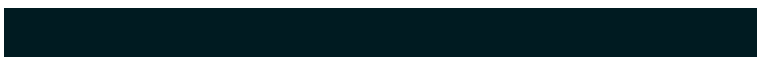
59, 30.464, 278.977



40, 3.359, 219.219



50, 31.002, 233.998



8, 10.409, 226.382

Previews

White Background



This preview shows how the CIELCh color 61, 28.279, 38.932 looks on a white background.

Color Contrast Check

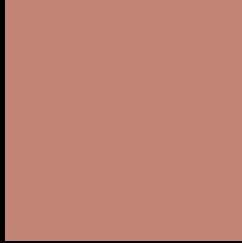
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 28.279, 38.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

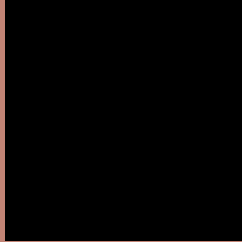
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 28.279, 38.932

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.279, 38.932.



This preview shows how white text looks on a background with the CIELCh color 61, 28.279, 38.932.

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





Tritanopia
61, 27.741, 11.054

Trichromacy



Original Color
61, 28.279, 38.932

Protanomaly
61, 16.495, 65.234

Deuteranomaly
61, 22.482, 53.662

Tritanomaly
61, 27.045, 21.153

Monochromacy



Original Color
61, 28.279, 38.932

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 9.531, 40.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.279, 38.932 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(194, 132, 117)` looks like.

```
.text, #text, p{  
    color:rgb(194, 132, 117)  
}
```

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, 132, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 132, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.279, 38.932 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(194, 132, 117) }
```

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

```
.border{ border-color:rgb(194, 132, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 132, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 132, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 132, 117);  
box-shadow:4px 4px 4px 4px rgb(194, 132,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.279, 38.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 132, 117) }
```

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

```
.background{ background-color: rgb(194,  
132, 117) }
```

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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