

Converting Colors

CIELCh(60, 29.528, 39.475)

Have a look what the booklet for
CIELCh(60, 29.528, 39.475) contains.

CIELCh(60, 29.528, 39.475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 29.528, 39.475)

Conversions

Conversions Part 1

Format	Color
Hex	C18171
RGB	193, 129, 113
RGB Percent	76%, 51%, 44%
CMY	0.2442, 0.4951, 0.5578
CMYK	0.00, 0.33, 0.41, 0.24
HSL	12°, 39%, 60%
HSV	12°, 41%, 76%
XYZ	32.7071, 28.1233, 19.2563
YIQ	146.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

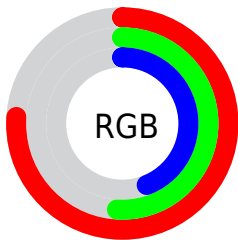
Format	Color
RYB	193, 133, 113
Decimal	12681585
CIELab	60.00, 22.79, 18.77
CIELCh	60, 29.528, 39.475
Yxy	28.1233, 0.4084, 0.3512
Android (android.graphics.Color)	4290871665 (0xFFC18171)
YUV	146.3120, -16.4228, 40.9454
Hunter-Lab	53.0314, 17.2848, 15.5932

Details

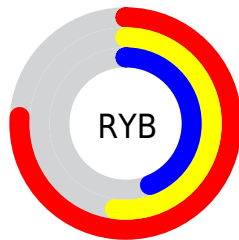
The CIELCh color **60, 29.528, 39.475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 21.867, 221.869**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.438, 39.071**, and **40, 29.522, 39.424** is the 20% darker color. If you saturate the color by 10%, you get **56, 38.138, 39.922**, and if you desaturate by 10%, it is **64, 21.504, 39.242**.

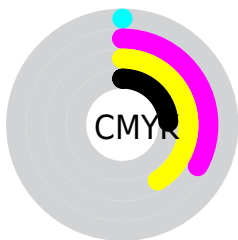
Distribution



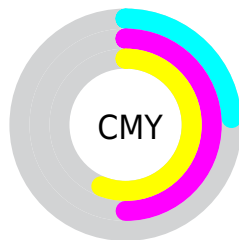
- Red (76%)
- Green (51%)
- Blue (44%)



- Red (76%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 29.528, 39.475 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 60, 29.528, 39.475 by changing the saturation by 10% instead.

60, 29.528, 39.475

60, 29.528, 39.475

100, 29.528,
39.475

50, 29.528, 39.475

80, 29.528, 39.475

40, 29.528, 39.475

90, 29.528, 39.475

30, 29.528, 39.475

20, 29.528, 39.475

10, 29.528, 39.475

0, 29.528, 39.475

60, 29.528, 39.475

60, 29.528, 39.475

56, 38.138, 39.922

64, 21.504, 39.242

52, 47.269, 40.594

68, 14.078, 39.168

49, 56.746, 41.483

73, 7.224, 39.205

46, 66.166, 42.463

77, 0.899, 38.865

44, 74.634, 43.152

82, 4.947, 219.809

42, 80.466, 43.432

86, 10.367,
220.057

91, 15.409,
220.383

95, 19.352,
202.684

96, 20.293,
198.169

Harmonies

Complementary

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



60, 29.528, 39.475



69, 21.867, 221.869

Rectangle

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



60, 29.528, 39.475



60, 29.528, 89.475



60, 29.528, 219.475



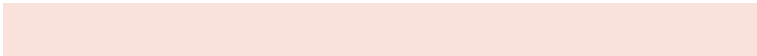
60, 29.528, 269.475

Sweetspot

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



60, 29.527, 39.480



92, 9.342, 39.200



58, 45.650, 333.234



48, 6.229, 39.192



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 29.527, 39.480



72, 45.605, 39.883



70, 32.092, 88.400



39, 3.549, 39.217



35, 69.953, 43.732



4, 12.416, 31.839

Inverse Universe

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



69, 21.867, 221.869



85, 31.105, 222.982



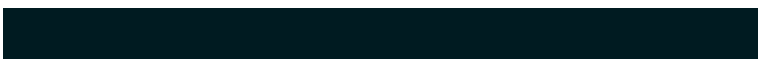
57, 32.429, 280.568



40, 3.350, 219.841



50, 31.070, 235.117



8, 10.390, 227.364

Previews

White Background



This preview shows how the CIELCh color 60, 29.528, 39.475 looks on a white background.

Color Contrast Check

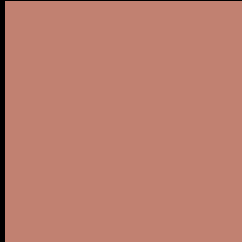
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 29.528, 39.475 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 60, 29.528, 39.475

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.528, 39.475.



This preview shows how white text looks on a background with the CIELCh color 60, 29.528, 39.475.

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

60, 29.528, 39.475

Protanopia

60, 14.412, 95.212

Deuteranopia

60, 20.850, 68.512



Tritanopia
60, 28.646, 12.680

Trichromacy



Original Color
60, 29.528, 39.475

Protanomaly
60, 17.307, 65.345

Deuteranomaly
60, 22.961, 54.673

Tritanomaly
60, 28.104, 22.471

Monochromacy



Original Color
60, 29.528, 39.475

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.965, 39.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.528, 39.475 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(193, 129, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 113)  
}
```

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(193, 129, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.528, 39.475 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(193, 129, 113) }
```

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

```
.border{ border-color:rgb(193, 129, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.528, 39.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 113) }
```

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

```
.background{ background-color: rgb(193,  
129, 113) }
```

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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