

Converting Colors

CIELCh(60, 29.614, 18.473)

Have a look what the booklet for
CIELCh(60, 29.614, 18.473) contains.

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Color

CIELCh(60, 29.614, 18.473)

Conversions

Conversions Part 1

Format	Color
Hex	C47D81
RGB	196, 125, 129
RGB Percent	77%, 49%, 51%
CMY	0.2300, 0.5085, 0.4929
CMYK	0.00, 0.36, 0.34, 0.23
HSL	357°, 38%, 63%
HSV	357°, 36%, 77%
XYZ	34.2126, 28.1233, 24.5029
YIQ	146.6850, 41.0320, 16.2960

Conversions

Conversions Part 2

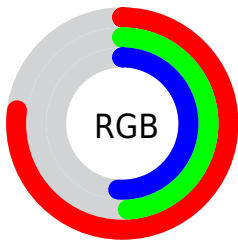
Format	Color
R _Y B	196, 125, 129
Decimal	12877185
CIE Lab	60.00, 28.09, 9.38
CIE LCh	60, 29.614, 18.473
Yxy	28.1233, 0.3940, 0.3239
Android (android.graphics.Color)	4291067265 (0xFFC47D81)
YUV	146.6850, -8.7187, 43.2493
Hunter-Lab	53.0314, 22.3521, 9.7274

Details

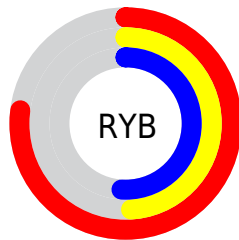
The CIELCh color **60, 29.614, 18.473** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 23.662, 192.352**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.652, 17.918**, and **40, 29.471, 18.486** is the 20% darker color. If you saturate the color by 10%, you get **55, 38.861, 20.223**, and if you desaturate by 10%, it is **65, 20.751, 17.107**.

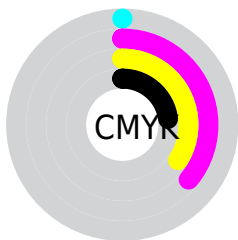
Distribution



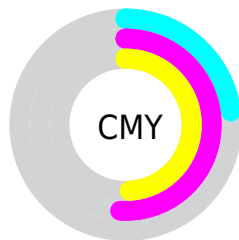
- Red (77%)
- Green (49%)
- Blue (51%)



- Red (77%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 29.614, 18.473 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, 29.614, 18.473 by changing the saturation by 10% instead.

60, 29.614, 18.473

60, 29.614, 18.473

100, 29.614,
18.473

50, 29.614, 18.473

80, 29.614, 18.473

40, 29.614, 18.473

90, 29.614, 18.473

30, 29.614, 18.473

20, 29.614, 18.473

10, 29.614, 18.473

0, 29.614, 18.473

60, 29.614, 18.473

60, 29.614, 18.473

55, 38.861, 20.223

65, 20.751, 17.107

51, 48.305, 22.463

70, 12.387, 16.013

■ 47, 57.668, 25.313

■ 76, 4.563, 15.076

■ 44, 66.624, 28.832

■ 81, 2.725, 194.690

■ 42, 74.794, 32.876

■ 87, 9.509, 193.970

■ 41, 81.508, 36.829

■ 93, 15.832,
193.463

■ 41, 83.574, 37.943

■ 96, 19.209,
198.237

Harmonies

Complementary

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



60, 29.614, 18.473



75, 23.662, 192.352

Rectangle

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



60, 29.614, 18.473



60, 29.614, 68.473



60, 29.614, 198.473



60, 29.614, 248.473

Sweetspot

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



60, 29.612, 18.477



92, 10.233, 15.538



62, 45.782, 324.424



48, 6.910, 15.666



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 29.612, 18.477



72, 44.458, 19.744



67, 24.285, 63.911



38, 4.193, 15.372



33, 71.542, 37.414



3, 14.030, 16.336

Inverse Universe

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



60, 29.612, 18.477



72, 44.458, 19.744



66, 20.997, 253.491



38, 4.193, 15.372



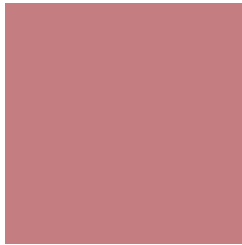
33, 71.542, 37.414



3, 14.030, 16.336

Previews

White Background



This preview shows how the CIELCh color 60, 29.614, 18.473 looks on a white background.

Color Contrast Check

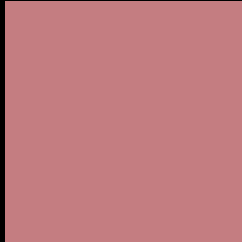
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.614, 18.473 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, 29.614, 18.473

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.614, 18.473.



This preview shows how white text looks on a background with the CIELCh color 60, 29.614, 18.473.

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, 29.614, 18.473

Protanopia

60, 3.425, 74.542

Deuteranopia

60, 13.098, 53.913



Tritanopia
60, 29.917, 13.288

Trichromacy



Original Color
60, 29.614, 18.473

Protanomaly
60, 11.856, 25.970

Deuteranomaly
60, 18.023, 33.577

Tritanomaly
60, 29.931, 15.411

Monochromacy



Original Color
60, 29.614, 18.473

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.465, 14.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.614, 18.473 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(196, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(196, 125, 129)  
}
```

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(196, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 125, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.614, 18.473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

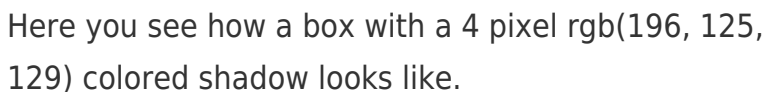
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 125, 129) }
```

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

```
.border{ border-color:rgb(196, 125, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 125, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 125, 129); box-shadow:4px 4px 4px 4px rgb(196, 125, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.614, 18.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 125, 129) }
```

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

```
.background{ background-color: rgb(196,  
125, 129) }
```

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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