

Converting Colors

CIELCh(61, 31.473, 11.984)

Have a look what the booklet for
CIELCh(61, 31.473, 11.984) contains.

CIELCh(61, 31.528, 11.969)	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(61, 31.528, 11.969)

Conversions

Conversions Part 1

Format	Color
Hex	CA7E89
RGB	202, 126, 137
RGB Percent	79%, 49%, 54%
CMY	0.2082, 0.5062, 0.4631
CMYK	0.00, 0.38, 0.32, 0.21
HSL	351°, 42%, 64%
HSV	351°, 38%, 79%
XYZ	36.2921, 29.2481, 27.3689
YIQ	149.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

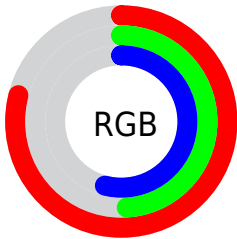
Format	Color
RYB	202, 126, 137
Decimal	13270665
CIELab	61.00, 30.84, 6.54
CIELCh	61, 31.528, 11.969
Yxy	29.2481, 0.3906, 0.3148
Android (android.graphics.Color)	4291460745 (0xFFCA7E89)
YUV	149.9780, -6.3982, 45.6233
Hunter-Lab	54.0815, 25.1418, 7.8524

Details

The CIELCh color **61, 31.528, 11.969** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 26.122, 184.285**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.203, 11.631**, and **41, 31.830, 11.982** is the 20% darker color. If you saturate the color by 10%, you get **56, 40.650, 13.870**, and if you desaturate by 10%, it is **66, 22.598, 10.451**.

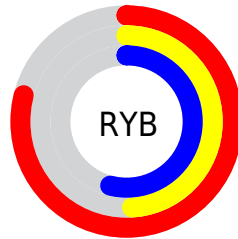
Distribution



Red (79%)

Green (49%)

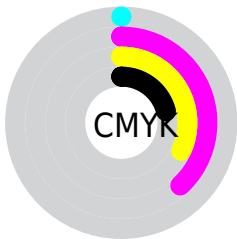
Blue (54%)



Red (79%)

Yellow (49%)

Blue (54%)

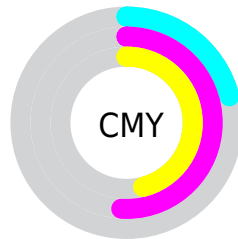


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.528, 11.969 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, 31.528, 11.969 by changing the saturation by 10% instead.

61, 31.528, 11.969

61, 31.528, 11.969

100, 31.528,
11.969

51, 31.528, 11.969

81, 31.528, 11.969

41, 31.528, 11.969

91, 31.528, 11.969

31, 31.528, 11.969

21, 31.528, 11.969

11, 31.528, 11.969

1, 31.528, 11.969

0, 31.528, 11.969

61, 31.528, 11.969

61, 31.528, 11.969

56, 40.650, 13.870

66, 22.598, 10.451

■ 52, 49.722, 16.268

■ 71, 14.028, 9.206

■ 48, 58.427, 19.310

■ 77, 5.896, 8.136

■ 45, 66.449, 23.110

■ 83, 1.768, 187.667

■ 43, 73.577, 27.654

■ 88, 8.973, 186.694

■ 42, 79.732, 32.563

■ 94, 15.745,
186.033

■ 42, 81.126, 33.605

■ 97, 17.517,
198.345

Harmonies

Complementary

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



61, 31.528, 11.969



76, 26.122, 184.285

Rectangle

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



61, 31.528, 11.969



61, 31.528, 61.969



61, 31.528, 191.969



61, 31.528, 241.969

Sweetspot

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



61, 31.526, 11.972



93, 10.377, 8.502



62, 47.782, 321.989



48, 7.001, 8.647



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, 31.526, 11.972



71, 46.266, 13.451



67, 25.899, 54.778



40, 4.441, 8.320



34, 69.511, 32.845



4, 18.079, 12.313

Inverse Universe

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



61, 31.526, 11.972



71, 46.266, 13.451



69, 21.056, 242.732



40, 4.441, 8.320



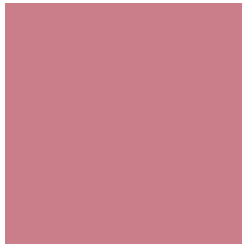
34, 69.511, 32.845



4, 18.079, 12.313

Previews

White Background



This preview shows how the CIELCh color 61, 31.528, 11.969 looks on a white background.

Color Contrast Check

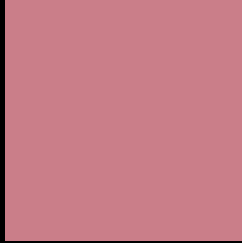
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.528, 11.969 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, 31.528, 11.969

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.528, 11.969.



This preview shows how white text looks on a background with the CIELCh color 61, 31.528, 11.969.

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

61, 31.528, 11.969

Protanopia

61, 1.630, 335.628

Deuteranopia

61, 11.182, 43.781



Tritanopia
61, 31.518, 12.974

Trichromacy



Original Color
61, 31.528, 11.969

Protanomaly
61, 12.383, 4.961

Deuteranomaly
61, 18.085, 22.998

Tritanomaly
61, 31.518, 12.974

Monochromacy



Original Color
61, 31.528, 11.969

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.356, 9.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.528, 11.969 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(202, 126, 137)` looks like.

```
.text, #text, p{  
    color:rgb(202, 126, 137)  
}
```

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(202, 126, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 126, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.528, 11.969 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(202, 126, 137) }
```

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

```
.border{ border-color:rgb(202, 126, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 126, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 126, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 126, 137);  
box-shadow:4px 4px 4px 4px rgb(202, 126,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.528, 11.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 126, 137) }
```

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

```
.background{ background-color: rgb(202,  
126, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor