

Converting Colors

CIELCh(61, 27.647, 24.735)

Have a look what the booklet for
CIELCh(61, 27.647, 24.735) contains.

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Color

CIELCh(61, 27.744, 24.614)

Conversions

Conversions Part 1

Format	Color
Hex	C48280
RGB	196, 130, 128
RGB Percent	77%, 51%, 50%
CMY	0.2315, 0.4903, 0.4981
CMYK	0.00, 0.34, 0.35, 0.23
HSL	2°, 37%, 64%
HSV	2°, 35%, 77%
XYZ	34.6313, 29.2481, 24.2333
YIQ	149.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

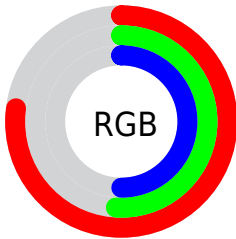
Format	Color
R _Y B	196, 130, 128
Decimal	12878464
CIE Lab	61.00, 25.22, 11.56
CIE LCh	61, 27.744, 24.614
Yxy	29.2481, 0.3930, 0.3319
Android (android.graphics.Color)	4291068544 (0xFFC48280)
YUV	149.5060, -10.6025, 40.7752
Hunter-Lab	54.0815, 19.6605, 11.2900

Details

The CIELCh color **61, 27.744, 24.614** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 21.730, 200.671**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 27.833, 23.836**, and **41, 27.526, 24.770** is the 20% darker color. If you saturate the color by 10%, you get **56, 37.024, 26.020**, and if you desaturate by 10%, it is **66, 19.005, 23.552**.

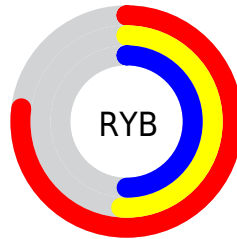
Distribution



Red (77%)

Green (51%)

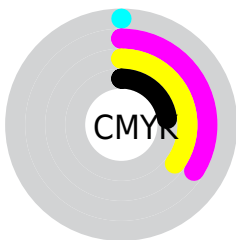
Blue (50%)



Red (77%)

Yellow (51%)

Blue (50%)

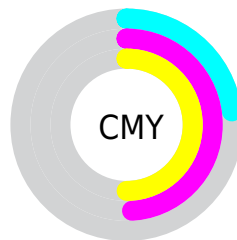


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 27.744, 24.614 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, 27.744, 24.614 by changing the saturation by 10% instead.

61, 27.744, 24.614

61, 27.744, 24.614

100, 27.744,
24.614

51, 27.744, 24.614

81, 27.744, 24.614

41, 27.744, 24.614

91, 27.744, 24.614

31, 27.744, 24.614

21, 27.744, 24.614

11, 27.744, 24.614

1, 27.744, 24.614

0, 27.744, 24.614

61, 27.744, 24.614

61, 27.744, 24.614

56, 37.024, 26.020

66, 19.005, 23.552

■ 52, 46.721, 27.851

■ 71, 10.870, 22.730

■ 48, 56.608, 30.196

■ 77, 3.338, 22.010

■ 45, 66.345, 33.064

■ 82, 3.621, 201.864

■ 43, 75.365, 36.231

■ 88, 10.056,
201.416

■ 41, 82.452, 38.954

■ 93, 16.021,
201.127

■ 41, 85.374, 40.288

■ 96, 19.322,
198.230

Harmonies

Complementary

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



61, 27.744, 24.614



74, 21.730, 200.671

Rectangle

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



61, 27.744, 24.614



61, 27.744, 74.614



61, 27.744, 204.614



61, 27.744, 254.614

Sweetspot

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



61, 27.742, 24.619



93, 8.994, 22.410



63, 44.116, 326.765



49, 6.171, 22.509



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, 27.742, 24.619



73, 42.785, 25.703



69, 23.841, 72.826



38, 4.067, 22.355



33, 73.323, 40.127



3, 13.729, 21.049

Inverse Universe

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



74, 21.730, 200.671



93, 31.402, 200.488



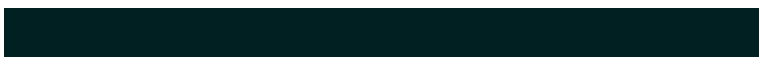
65, 21.860, 262.897



40, 3.833, 201.607



58, 34.070, 201.073



10, 12.035, 199.981

Previews

White Background



This preview shows how the CIELCh color 61, 27.744, 24.614 looks on a white background.

Color Contrast Check

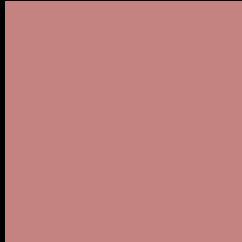
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.744, 24.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

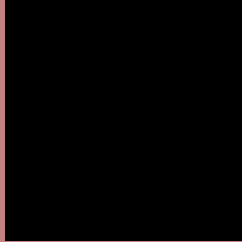
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 27.744, 24.614

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.744, 24.614.



This preview shows how white text looks on a background with the CIELCh color 61, 27.744, 24.614.

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, 27.744, 24.614

Protanopia

61, 6.083, 86.326

Deuteranopia

61, 14.821, 57.190



Tritanopia
61, 28.589, 11.519

Trichromacy



Original Color
61, 27.744, 24.614

Protanomaly
61, 12.141, 39.164

Deuteranomaly
61, 18.357, 40.380

Tritanomaly
61, 28.147, 16.905

Monochromacy



Original Color
61, 27.744, 24.614

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 9.640, 23.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.744, 24.614 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, 130, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 128)  
}
```

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, 130, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.744, 24.614 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, 130, 128) }
```

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

```
.border{ border-color:rgb(196, 130, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 128);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.744, 24.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 128) }
```

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

```
.background{ background-color: rgb(196,  
130, 128) }
```

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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