

Converting Colors

CIELCh(61, 25.578, 17.706)

Have a look what the booklet for
CIELCh(61, 25.578, 17.706) contains.

CIELCh(61, 25.624, 18.475)	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(61, 25.624, 18.475)

Conversions

Conversions Part 1

Format	Color
Hex	C18386
RGB	193, 131, 134
RGB Percent	76%, 51%, 53%
CMY	0.2436, 0.4866, 0.4749
CMYK	0.00, 0.32, 0.31, 0.24
HSL	357°, 33%, 63%
HSV	357°, 32%, 76%
XYZ	34.3645, 29.2481, 26.3529
YIQ	149.8800, 35.9890, 14.0770

Conversions

Conversions Part 2

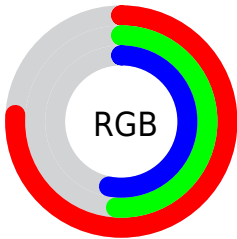
Format	Color
RYB	193, 131, 134
Decimal	12682118
CIELab	61.00, 24.30, 8.12
CIELCh	61, 25.624, 18.475
Yxy	29.2481, 0.3820, 0.3251
Android (android.graphics.Color)	4290872198 (0xFFC18386)
YUV	149.8800, -7.8288, 37.8162
Hunter-Lab	54.0815, 18.7798, 8.9662

Details

The CIELCh color **61, 25.624, 18.475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 20.986, 193.338**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 25.534, 19.173**, and **41, 25.607, 18.069** is the 20% darker color. If you saturate the color by 10%, you get **56, 34.631, 20.044**, and if you desaturate by 10%, it is **66, 17.062, 17.249**.

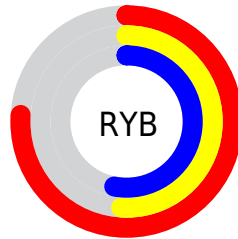
Distribution



Red (76%)

Green (51%)

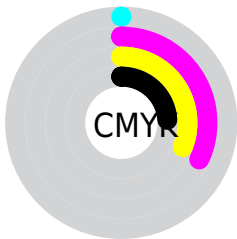
Blue (53%)



Red (76%)

Yellow (51%)

Blue (53%)

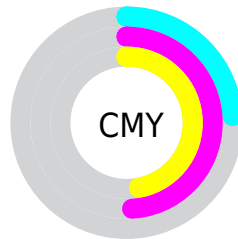


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 25.624, 18.475 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 61, 25.624, 18.475 by changing the saturation by 10% instead.

61, 25.624, 18.475

61, 25.624, 18.475

100, 25.624,
18.475

51, 25.624, 18.475

81, 25.624, 18.475

41, 25.624, 18.475

91, 25.624, 18.475

31, 25.624, 18.475

21, 25.624, 18.475

11, 25.624, 18.475

1, 25.624, 18.475

0, 25.624, 18.475

61, 25.624, 18.475

61, 25.624, 18.475

56, 34.631, 20.044

66, 17.062, 17.249

■ 52, 43.936, 22.051

■ 71, 9.027, 16.255

■ 48, 53.300, 24.622

■ 77, 1.533, 15.193

■ 45, 62.416, 27.843

■ 82, 5.437, 195.005

■ 42, 70.928, 31.665

■ 88, 11.922,
194.430

■ 41, 78.297, 35.684

■ 94, 17.967,
193.978

■ 40, 82.729, 38.183

■ 96, 20.244,
198.172

Harmonies

Complementary

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



61, 25.624, 18.475



74, 20.986, 193.338

Rectangle

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



61, 25.624, 18.475



61, 25.624, 68.475



61, 25.624, 198.475



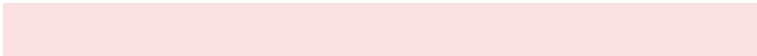
61, 25.624, 248.475

Sweetspot

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



61, 25.622, 18.479



92, 9.114, 16.077



62, 40.342, 324.720



48, 6.248, 16.204



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 25.622, 18.479



73, 39.269, 19.612



68, 21.100, 66.152



38, 4.191, 16.006



33, 71.840, 37.745



3, 14.023, 16.763

Inverse Universe

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



61, 25.622, 18.479



73, 39.269, 19.612



66, 18.761, 254.707



38, 4.191, 16.006



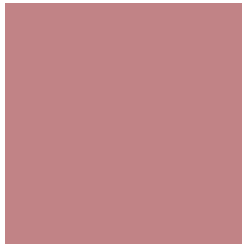
33, 71.840, 37.745



3, 14.023, 16.763

Previews

White Background



This preview shows how the CIELCh color 61, 25.624, 18.475 looks on a white background.

Color Contrast Check

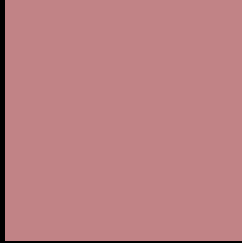
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 25.624, 18.475 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 61, 25.624, 18.475

Background



This preview shows how black text looks on a background with the CIELCh color 61, 25.624, 18.475.



This preview shows how white text looks on a background with the CIELCh color 61, 25.624, 18.475.

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

61, 25.624, 18.475

Protanopia

61, 2.723, 74.685

Deuteranopia

61, 12.106, 47.691



Tritanopia
61, 26.088, 10.088

Trichromacy



Original Color
61, 25.624, 18.475

Protanomaly
61, 10.065, 23.537

Deuteranomaly
61, 16.360, 30.727

Tritanomaly
61, 26.023, 12.517

Monochromacy



Original Color
61, 25.624, 18.475

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 9.170, 16.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 25.624, 18.475 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, 131, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 134)  
}
```

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, 131, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 25.624, 18.475 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, 131, 134) }
```

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

```
.border{ border-color:rgb(193, 131, 134) }
```

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

Here you see how a box with a 4 pixel rgb(193, 131, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 25.624, 18.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 134) }
```

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

```
.background{ background-color: rgb(193,  
131, 134) }
```

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