

Converting Colors

CIELCh(64, 5.457, 81.506)

Have a look what the booklet for
CIELCh(64, 5.457, 81.506) contains.

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Color

CIELCh(64, 5.217, 77.748)

Conversions

Conversions Part 1

Format	Color
Hex	A19A92
RGB	161, 154, 146
RGB Percent	63%, 60%, 57%
CMY	0.3683, 0.3957, 0.4271
CMYK	0.00, 0.04, 0.09, 0.37
HSL	32°, 7%, 60%
HSV	32°, 9%, 63%
XYZ	31.4783, 32.8017, 31.8997
YIQ	155.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

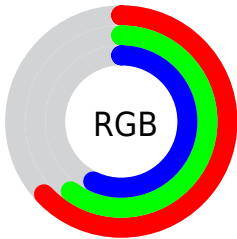
Format	Color
RYB	159, 161, 146
Decimal	10590866
CIELab	64.00, 1.11, 5.10
CIElCh	64, 5.217, 77.748
Yxy	32.8017, 0.3273, 0.3410
Android (android.graphics.Color)	4288780946 (0xFFA19A92)
YUV	155.1810, -4.5262, 5.1033
Hunter-Lab	57.2727, -2.1201, 7.0676

Details

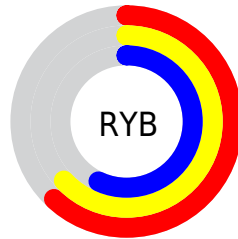
The CIELCh color **64, 5.217, 77.748** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 5.134, 260.224**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 5.126, 74.445**, and **44, 4.892, 78.012** is the 20% darker color. If you saturate the color by 10%, you get **62, 11.045, 76.547**, and if you desaturate by 10%, it is **66, 0.385, 259.800**.

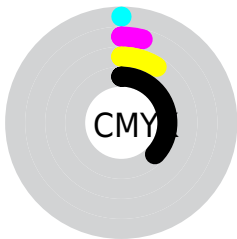
Distribution



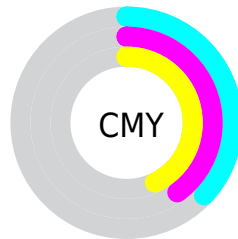
- Red (63%)
- Green (60%)
- Blue (57%)



- Red (62%)
- Yellow (63%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.217, 77.748 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 64, 5.217, 77.748 by changing the saturation by 10% instead.

■ 64, 5.217, 77.748 ■ 64, 5.217, 77.748

■ 100, 5.217, 77.748 ■ 54, 5.217, 77.748

■ 84, 5.217, 77.748 ■ 44, 5.217, 77.748

■ 94, 5.217, 77.748 ■ 34, 5.217, 77.748

■ 24, 5.217, 77.748

■ 14, 5.217, 77.748

■ 4, 5.217, 77.748

■ 0, 5.217, 77.748

■ 64, 5.217, 77.748 ■ 64, 5.217, 77.748

■ 62, 11.045, 76.547 ■ 66, 0.385, 259.800

59, 17.110, 75.280

69, 5.782, 260.281

57, 23.415, 73.987

71, 10.993,
261.401

55, 29.938, 72.670

74, 16.037,
262.493

52, 36.608, 71.316

50, 43.269, 69.885

76, 20.933,
263.543

48, 49.601, 68.285

79, 25.696,
264.548

46, 55.034, 66.326

45, 59.296, 63.979

81, 28.617,
263.257

83, 26.404,
253.895

85, 24.979,
243.291

Harmonies

Complementary

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



64, 5.217, 77.748



63, 5.134, 260.224

Rectangle

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



64, 5.217, 77.748



64, 5.217, 127.748



64, 5.217, 257.748



64, 5.217, 307.748

Sweetspot

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



64, 5.218, 77.769



83, 2.048, 78.420



62, 7.035, 346.222



44, 1.553, 78.361



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 5.218, 77.769



81, 7.652, 77.544



66, 8.278, 110.658



33, 3.203, 77.773



40, 55.218, 64.187



3, 4.735, 73.583

Inverse Universe

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



63, 5.134, 260.224



79, 7.496, 260.483



61, 8.457, 292.379



33, 3.152, 260.220



30, 49.778, 286.294



2, 5.109, 263.319

Previews

White Background



This preview shows how the CIELCh color 64, 5.217, 77.748 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 5.217, 77.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

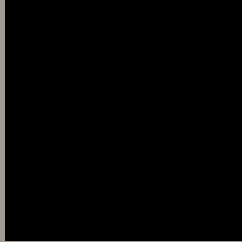
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

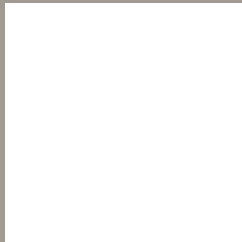
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.217, 77.748

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.217, 77.748.

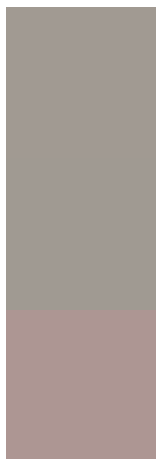


This preview shows how white text looks on a background with the CIELCh color 64, 5.217, 77.748.

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


64, 5.217, 77.748

Protanopia

64, 5.020, 81.604

Deuteranopia

64, 9.310, 30.465



Tritanopia
64, 8.360, 326.997

Trichromacy



Original Color
64, 5.217, 77.748

Protanomaly
64, 5.020, 81.604

Deuteranomaly
64, 7.477, 37.216

Tritanomaly
64, 5.090, 346.673

Monochromacy



Original Color
64, 5.217, 77.748

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.825, 84.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.217, 77.748 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(161, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 146)  
}
```

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(161, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.217, 77.748 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(161, 154, 146) }
```

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

```
.border{ border-color:rgb(161, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 154, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 154, 146); box-shadow:4px 4px 4px 4px rgb(161, 154, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.217, 77.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 146) }
```

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

```
.background{ background-color: rgb(161,  
154, 146) }
```

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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